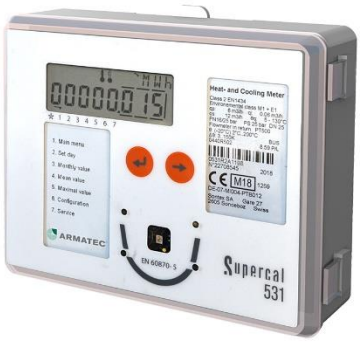
M-Bus specification

Integrator

Supercal 531



Issue: Rev. 27-02-2014
Document: M-Bus Frames 531-449 - Rev. 27-02-2014
Firmware: 531 V4.2

Revision:

Issue	Date	Author	Description
08-02-2010	08.02.2010	JFS	Add information related to xml files
29.03.2010	29.03.2010	SV	Page Numbering
14.02.2012	14.02.2012	SV	Add Superstatic 449
27.02.2014	27.02.2014	JPS	New release for SW4.2

Customized M-Bus

ID	Item
1	Energy totalized
2	Volume totalized
3	Flow
4	Power
5	Temperature high
6	Temperature low
7	Running hours
8	Date and time of device
9	Energy tarif 1
10	Volume tarif 1
11	Energy tarif 2
12	Volume tarif 2
13	Fabrication number MET
14	Fabrication number MIO
15	Error current
16	

	Master		Slave
1	**Normalize** SND_NKE(A=primary address)	->	
		<-	**Acknowledge** CON_SCC
2	**Request for user data** REQ_UD2(C=7Bh, A=primary address)	->	
	If more records in next telegram then continue at step 3	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)
3	**Request for user data** REQ_UD2(C=5Bh, A=primary address)	->	
	If more records in next telegram then continue at step 2	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Read data with secondary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=253)	->	
			The slaves don't answer.
2	**Selection of slave** SND_UD(C=73h | 53h, A=253, identification number, manufacturer id, ...)	->	
	You must select only one slave.	<-	**Acknowledge** CON_SCC
3	**Request for user data** REQ_UD2(C=7Bh, A=253)	->	
	If more records in next telegram then continue at step 4	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)
4	**Request for user data** REQ_UD2(C=5Bh, A=253)	->	
	If more records in next telegram then continue at step 3	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Change parameters with primary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=primary address)	->	
		<-	**Acknowledge** CON_SCC
2	**Stuctured write** SND_UD(C=73h, A=primary address, any combination of parameters supported by 531)	->	
		<-	**Acknowledge** CON_SCC
3	**Request for user data** REQ_UD2(C=7Bh, A=primary address)	->	
	Check for M-Bus application error in Status field.	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Change parameters with secondary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=253)	->	
			The slaves don't answer.
2	**Selection of slave** SND_UD(C=73h | 53h, A=253, identification number, manufacturer id, ...)	->	
		<-	**Acknowledge** CON_SCC
3	**Stuctured write** SND_UD(C=73h, A=253, any combination of parameters supported by 531)	->	
		<-	**Acknowledge** CON_SCC
4	**Request for user data** REQ_UD2(C=7Bh, A=253)	->	
	Check for M-Bus application error in Status field.	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Change baudrate with primary addressing

	Master		Slave
1	**Normalize** SND_NKE(A=primary address)	->	
		<-	**Acknowledge** CON_SCC
2	**Set baurate** SND_UD(C=73h, A=primary address, CI=B8h | BBh | BCh | BDh)	->	
		<-	**Acknowledge** CON_SCC
	From here, you can use the new baudrate		
3	**Request for user data** REQ_UD2(C=7Bh, A=primary address)	->	
	Check for M-Bus application error in Status field. *If you don't have a response, repeat step 3 with the old baudrate.*	<-	**Respond with user data** RSP_UD(rsp_x, more records in next telegram)

Keys

Optional record

`xx` Value LSByte first
`yy` Value MSByte first

`ch` ASCII character

`co co` Physical unit coding of complementary counter :

`FD 3A`	1 without unit	Dimensionless
`03`	0.001 kWh	Energy
`04`	0.01 kWh	
`05`	0.1 kWh	
`06`	1 kWh	
`07`	0.01 MWh	
`85 7D`	0.1 MWh	
`0E`	1 MJ	
`0F`	0.01 GJ	
`8D 7D`	0.1 GJ	
`80 3D`	1 Btu	
`13`	0.001 m3	Volume
`14`	0.01 m3	
`15`	0.1 m3	
`16`	1 m3	
`93 3D`	1 Usgallon	

`ci ci` Physical unit coding of average of complementary counter :

`FF 22`	unit/h
`2B`	W
`2E`	m3/h

`cs` The value of Check Sum is calculated from arithmetical sum modulo 256 of each byte of the frame except the fields: Start, Length (if any), Check Sum and Stop.

`dt`

04	Heat
0C	Heat (supply)
0D	Cooling

en en Physical unit coding of energy :

03	0.001 kWh
04	0.01 kWh
05	0.1 kWh
06	1 kWh
07	0.01 MWh
85 7D	0.1 MWh
0E	1 MJ
0F	0.01 GJ
8D 7D	0.1 GJ
80 3D	1 Btu

er er Detailed errors

	531	***M-Bus standard***
bit0	Temp sensor 1	*Tamper*
bit1	Temp sensor 2	*Battery low*
bit2	Error flow	*External alarm*
bit3	Eeprom MET access fault	*Battery cut*
bit4	Eeprom MIO access fault	*RSSI*
bit5	Blank or invalide eeprom	
bit6	AD error	
bit7	Hardware error	
bit8	Supply fault	
bit9	Option 1 error	
bit10	Option 2 error	
bit11	A1 error	
bit12	A2 error	
bit13	†	
bit14	CRC error	
bit15	Configuration error	

† Not used.

ii	Index input		
		01	Input A1
		02	Input A2
		03	Input A3
		04	Input A4
		05	Input A5
		06	Input A6

Le — Length of the M-Bus frame. The fields Start, Length, Check Sum and Stop (6 bytes) are not included in the calculation of the Length field. The Length field is repeated twice preceded and followed by the Start field 68h.

Ls — Length of ASCII character string
Warning: according to the M-Bus standard, the first byte following the length byte is the rightmost character of the string, and the last byte is the leftmost character.

md	Mesured media		
		04	Heat (return)
		0C	Heat (flow)
		0D	Heat and cooling

mm	Unit	25h	[min]
		26h	[h]
		27h	[day]
		28h	[month]
		29h	[year]

mo	More records in next telegram :		
		0F	no
		1F	yes

o1 o2 o3 o4	Present options		
	o1:	(BIT0)	A1_enable
		(BIT1)	A2_enable
		(BIT2)	A3_enable
		(BIT3)	A4_enable
		(BIT4)	A5_enable
		(BIT5)	A6_enable
		(BIT6)	reserved
		(BIT7)	reserved
	o2:	(BIT0)	B1_enable
		(BIT1)	B2_enable
		(BIT2)	B3_enable
		(BIT3)	B4_enable
		(BIT4)	B5_enable
		(BIT5)	B6_enable
		(BIT6)	reserved
		(BIT7)	reserved
	o3:	(BIT0)	ST1_present
		(BIT1)	ST2_present
		(BIT2)	0' reserved
		(BIT3)	0' reserved
		(BIT4)	0' reserved
		(BIT5)	reserved
		(BIT6)	reserved
		(BIT7)	reserved
	o4:	(BIT0)	tariff1_enable
		(BIT1)	tariff2_enable
		(BIT2)	reserved
		(BIT3)	reserved
		(BIT4)	reserved
		(BIT5)	reserved
		(BIT6)	reserved
		(BIT7)	reserved

oo	Unit time maximum			data
	asynchro	26h	[h]	xx xx
	synchro	27h	[day]	00 01
	synchro	28h	[month]	00 01
	synchro	29h	[year]	00 01
pt	PT type	00	PT 100	
		01	PT 500	
		02	PT 1000	
ss	N° frame			
		0..107	N° frame	
		255	All frames	
st	Status		**531**	***M-Bus standard***
		bit1..0	Application	*Application*
		00b	No error	*No error*
		01b	†	*Application busy*
		10b	Any application error	*Any application error*
		11b	†	*Reserved*
		bit2	low supply	*Power low*
		bit3	Permanent error	*Permanent error*
		bit4	Temporary error	*Temporary error*
		bit5	Measure error	*Manufacturer specific*
		bit6	Herdware error	*Manufacturer specific*
		bit7	Module error	*Manufacturer specific*

† Not used.

ti Type input

0	Disable
1	pulse
2	state
3	user

to Type output

0	Disable
1	Energie_0 pulse
2	Energie_1 pulse
3	Energie_2 pulse
4	Volume_0 pulse
5	Volume_1 pulse
6	Volume_2 pulse
7	A1 pulses
8	A2_pulses
9	(A3_pulses)
10	(A4_pulses)
11	(A5_pulses)
12	(A6_pulses)
100	Power state
101	Flow state
102	Temp High state
103	Temp Low state
104	DT state

tt	Type tariff			
	bit[4..0]	0	Disable	
		1	Power	
		2	Flow	
		3	Temp. High	
		4	Temp. Low	
		5	Delta T	
		6	(Avg A1)	
		7	(Avg A2)	
		8	(Avg A3)	not yet used
		9	(Avg A4)	not yet used
		10	(Avg A5)	not yet used
		11	(Avg A6)	not yet used
		12..15	Free	not yet used
		16	Time	
		17	Date	
		18..31	Free	
	bit [5]	0	Normal	
		1	Double limit	
	bit [6]	0	Normal	
		1	Synchronized with other tariff	
	bit [7]	Reserved		

ua Physical unit coding of complementary counter :

00	Without unit
01	0.001 kWh
02	0.01 kWh
03	0.1 kWh
04	1 kWh
05	0.001 MWh
06	0.01 MWh
07	0.1 MWh
08	1 MJ
09	0.001GJ
0A	0.01 GJ
0B	0.1 GJ
0C	1 Btu
0D	0.001 m3
0E	0.01 m3
0F	0.1 m3
10	1 m3
11	1 USgallon

ue Physical unit coding of energy :

00	0.001 kWh
01	0.01 kWh
02	0.1 kWh
03	1 kWh
04	0.001 MWh
05	0.01 MWh
06	0.1 MWh
07	1 MJ
08	0.001GJ
09	0.01 GJ
0A	0.1 GJ
0B	1 Btu

uv Physical unit coding of volume :

00	0.001 m3
01	0.01 m3
02	0.1 m3
03	1 m3
04	1 USgallon

vo vo Physical unit coding of volume :

13	0.001 m3
14	0.01 m3
15	0.1 m3
16	1 m3
93 3D	1 Usgallon

vv Unit time average

			data
asynchro	25h	[min]	xx xx
synchro	26h	[h]	00 01
synchro	27h	[day]	00 01
synchro	28h	[month]	00 01

wp Device write protect

00	write protect disable
01	write protect enable

ww Physical unit coding of complementary counter :

00	1 without unit
01	0.001 kWh
02	0.01 kWh
03	0.1 kWh
04	1 kWh
05	0.001 MWh
06	0.01 MWh
07	0.1 MWh
08	1 MJ
09	0.001 GJ
0A	0.01 GJ
0B	0.1 GJ
0C	1 Btu
0D	0.001 m3
0E	0.01 m3
0F	0.1 m3
10	1 m3
11	1 USgallon

Codes Manufacturer Specific : SONTEX

FF 01 Energy remainder
FF 02 Volume remainder
FF 03 Authentification Code
FF 04 Write protection
FF 05 Days without energy
FF 06 Days without volume
FF 07 PTtype
FF 08 Index telegram MBUS
FF 09 Telegram selection
FF 0A Telegram deselection
FF 0B Type tariff
FF 0C Type input
FF 0D Type output
FF 0E Input Aux Unit
FF 20 Unit/second
FF 21 Unit/minute
FF 22 Unit/hour
FF 23 Unit/day

Normalize SND_NKE (master to slave)

	Field	Frame bytes in hex	Coding	Comment
Start	Start	10		
	Control	40		Normalize, SND_NKE
	Address	xx		
End	Check Sum	3D		
	Stop	16		

Frame size: 5 bytes

Acknowledge CON_SCC (slave to master)

	Field	Frame bytes in hex	Coding	
		E5		Acknowledge

Frame size: 1 bytes

Request for user data REQ_UD2 (master to slave)

	Field	Frame bytes in hex	Coding	
Start	Start	10		
	Control	7B | 5B		Request for class 2 data, REQ_UD2
	Address	xx		
End	Check Sum	cs		
	Stop	16		

Frame size: 5 bytes

Set baudrate SND_UD (master to slave)

	Field	Frame bytes in hex	Coding	
Start	Start, **L**ength	68, 03 03, 68		
	Control	73|53		Send user data to slave, SND_UD
	Address	xx		
User Data	**C**ontrol **I**nformation	B8|BB|BC|BD		Set baud rate: B8h: 300; BBh: 2400; BCh: 4800; BDh:9600 bit/s
End	**C**heck **S**um	cs		
	Stop	16		

Frame size: 9 bytes

Selection of slaves SND_UD (master to slave)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	SubUnit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	73|53		Send user data to slave, SND_UD						
	Address	FD								
User data	Control **I**nformation	52		Selection of slaves						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	xx xx	C, 16 bits		Manufacturer					
	Generation of meter	xx	C, 8 bits		Version					
	Measured media	xx	D, 8 bits		DeviceType					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 17 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Stuctured write SND_UD (master to slave)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	SubUnit	Tariff	Storage	Function‡	Parent tag
Start	Start, Length	68,Le Le,68								
	Control	73|53		Send user data to slave, SND_UD						
	Address	xx								
User data	Control Information	51		Stuctured write telegram						
	M-Bus address	01,7A,xx	C, 8 bits			0	0	0	0	<Header>
	Current date & time	04,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	0	0	
	Runings hours	03,22,xx xx xx	B, 24 bits		OnTime	0	0	0	0	
	ID number	0C,79,xx xx xx xx	A, 32 bits		IdentificationNumber	0	0	0	0	
	Index Telegram	01,FF 08,xx	C, 8 bits	§		0	0	0	0	
	Selection Telegram	01,FF 09,ss	C, 8 bits	§		0	0	0	0	
	Deselection Telegram	01,FF 0A,ss	C, 8 bits	§		0	0	0	0	
End	Check Sum	cs								
	Stop	16								

Max frame size: 41 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Application Reset (master to slave)

	Field	Frame bytes in hex	Coding	
Start	Start, Length	68, 03 03, 68		
	Control	73|53		Send user data to slave, SND_UD
	Address	xx		
User Data	Control Information	50		Application reset
End	Check Sum	cs		
	Stop	16		

Frame size: 9 bytes

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	SubUnit	Tariff	Storage	Function‡	Parent tag
Start	Start, Length	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control Information	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	USER CUSTOM M-Bus (Only frames values with "#" could be introduced in this frame)									<Records>
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	Check Sum	cs								
	Stop	16								

Max frame size: 22 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes	Coding	Comment	<MbusRecord> XML attributes: Name (Note 2)	Su	Tariff	Storage	Fu	Parent tag
Start	Start, **L**ength	68,Le Le,68	4								
	Control	08	1		Respond with user data, RSP_UD						
	Address	xx	1								
User data	Control **I**nformation	72	1		Variable structure respond						
	Identification number	xx xx xx xx	4	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	2	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	1	C, 8 bits		Version					
	Device type	dt	1	D, 8 bits		DeviceType					
	Access number	xx	1	C, 8 bits		AccessNumber					
	Status	st	1	Ds, 8 bits		Status					
	Signature (not used)	00 00	2	C, 16 bits		Signature					
	Detailed errors	02,FD 17,er er	5	D, 16 bits	#	ErrorFlags	0	0	0	0	<Records>
	Current error duration	34,75,xx xx xx xx	6	B, 32 bits	# [min]	ActualityDuration	0	0	0	3	
	Current date & time	04,6D,xx xx xx xx	6	F, 32 bits	#	DateAndTime	0	0	0	0	
	Energy totalizer heating	04,en en,xx xx xx xx	7	B, 32 bits	#	Energy	0	0	0	0	
	Volume totalizer	04,vo vo,xx xx xx xx	7	B, 32 bits	#	Volume	0	0	0	0	
	Energy totalizer tarif 1	84 10,en en,xx xx xx xx	8	B, 32 bits	#	Energy	0	1	0	0	
	Volume totalizer tarif 1	84 10,vo vo,xx xx xx xx	8	B, 32 bits	#	Volume	0	1	0	0	
	Energy totalizer tarif 2	84 20,en en,xx xx xx xx	8	B, 32 bits	#	Energy	0	2	0	0	
	Volume totalizer tarif 2	84 20,vo vo,xx xx xx xx	8	B, 32 bits	#	Volume	0	2	0	0	
	Identification number 1	8C 40,79,xx xx xx xx	7	A, 32 bits	#	IdentificationNumber	1	0	0	0	
	Complementary counter 1 totalizer	84 40,co co,xx xx xx xx	8	B, 32 bits	#	Dimensionless | Energy | Volume	1	0	0	0	
	Identification number 2	8C 80 40,79,xx xx xx xx	8	A, 32 bits	#	IdentificationNumber	2	0	0	0	
	Complementary counter 2 totalizer	84 80 40,co co,xx xx xx xx	9	B, 32 bits	#	Dimensionless | Energy | Volume	2	0	0	0	
	Identification number 3	8C C0 40,79,xx xx xx xx	8	A, 32 bits		IdentificationNumber	3	0	0	0	
	Complementary counter 3 totalizer	84 C0 40,co co,xx xx xx xx	9	B, 32 bits		Dimensionless | Energy | Volume	3	0	0	0	
	Identification number 4	8C 80 80 40,79,xx xx xx xx	9	A, 32 bits		IdentificationNumber	4	0	0	0	
	Complementary counter 4 totalizer	84 80 80 40,co co,xx xx xx xx	10	B, 32 bits		Dimensionless | Energy | Volume	4	0	0	0	
	Identification number 5	8C C0 80 40,79,xx xx xx xx	9	A, 32 bits		IdentificationNumber	5	0	0	0	
	Complementary counter 5 totalizer	84 C0 80 40,co co,xx xx xx xx	10	B, 32 bits		Dimensionless | Energy | Volume	5	0	0	0	
	Identification number 6	8C 80 C0 40,79,xx xx xx xx	9	A, 32 bits		IdentificationNumber	6	0	0	0	
	Complementary counter 6 totalizer	84 80 C0 40,co co,xx xx xx xx	10	B, 32 bits		Dimensionless | Energy | Volume	6	0	0	0	
	USER CUSTOM M-Bus	**Depends on user requested fields**	#		**Can be enabled or not (but not unavailable in a radio frame) max 61 bytes**						
	More records in next telegram	mo	1		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs	1								
	Stop	16	1								

Max frame size: 191 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.
2. Depending on the device configuration the kind of some values can be different. Therefore the XML attribute name can be one of the name separated by "|"

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	SubUnit	Tariff	Storage	Fu	Parent tag
Start	Start, Length	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control Information	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	High temperature	05,5B,xx xx xx xx	H, 32 bits	# [°C]	FlowTemperature	0	0	0	0	<Records>
	Low temperature	05,5F,xx xx xx xx	H, 32 bits	# [°C]	ReturnTemperature	0	0	0	0	
	Flow	05,3E,xx xx xx xx	H, 32 bits	# [m3/h]	VolumeFlow	0	0	0	0	
	Power	05,2B,xx xx xx xx	H, 32 bits	# [W]	Power	0	0	0	0	
	Pt type	01,FF 07,pt	C, 8 bits	§	TemperatureSensorType	0	0	0	0	
	Pulse Factor	05,96 28,xx xx xx xx	H, 32 bits	# [m3/pulse]	Volume_PerInputPulseOnChannel0	0	0	0	0	
	Energy remainder	05,FF 01,xx xx xx xx	H, 32 bits	§	EnergyRemainder	0	0	0	0	
	Volume remainder	05,FF 02,xx xx xx xx	H, 32 bits	§	VolumeRemainder	0	0	0	0	
	Device write protect	01,FF 04,wp	D, 8 bits	§	DeviceWriteProtect	0	0	0	0	
	Internal version	01,FD 0F,xx	C, 8 bits	#	OtherSoftwareVersion	0	0	0	0	
	Hardware version	02,FD 0D,xx xx	C, 16 bits	#	HardwareVersion	0	0	0	0	
	Runing hours	03,22,xx xx xx	B, 24 bits	# [h]	OnTime	0	0	0	0	
	Measure period	01,70,xx	C, 8 bits	[s]	AveragingDuration	0	0	0	0	
	Measure period of averaged values	82 89 01,FD mm,xx xx	C, 16 bits	[min]	StorageInterval	0	0	50	0	
	Measure period of maximum values	82 82 03,FD mm,xx xx	C, 16 bits	[h]	StorageInterval	0	0	100	0	
	Date Mens.	02,EC 7E,xx xx	G,16 bits		Date_FutureValue	0	0	0	0	
	Set Day 1	C2 84 01,EC 7E,xx xx	G,16 bits		Date_FutureValue	0	0	41	0	
	Set Day 2	82 85 01,EC 7E,xx xx	G,16 bits		Date_FutureValue	0	0	42	0	
	Type tariff 1	81 10,FF 0B,tt	G,16 bits		TariffType	0	1	0	0	
	Limit low tariff 1 (Power)	85 10,AB 40,xx xx xx xx	H,32 bits	[W]	Power_LowerLimitOf	0	1	0	0	
	Limit low tariff 1 (Flow)	85 10,CE 40,xx xx xx xx	H,32 bits	[m3/h]	VolumeFlow_LowerLimitOf	0	1	0	0	
	Limit low tariff 1 (Temp. High)	85 10,DB 40,xx xx xx xx	H,32 bits	[°C]	FlowTemperature_LowerLimitOf	0	1	0	0	
	Limit low tariff 1 (Temp. Low)	85 10,DF 40,xx xx xx xx	H,32 bits	[°C]	ReturnTemperature_LowerLimitOf	0	1	0	0	
	Limit low tariff 1 (Delta T)	85 10,E3 40,xx xx xx xx	H,32 bits	[K]	TemperatureDifference_LowerLimitOf	0	1	0	0	
	Limit low tariff 1 (Date/Time)	84 10,ED 40,xx xx xx xx	F,32 bits		DateAndTime_LowerLimitOf	0	1	0	0	
	Limit high tariff 1 (Power)	85 10,AB 48,xx xx xx xx	H,32 bits	[W]	Power_UpperLimitOf	0	1	0	0	
	Limit high tariff 1 (Flow)	85 10,CE 48,xx xx xx xx	H,32 bits	[m3/h]	VolumeFlow_UpperLimitOf	0	1	0	0	
	Limit high tariff 1 (Temp. High)	85 10,DB 48,xx xx xx xx	H,32 bits	[°C]	FlowTemperature_UpperLimitOf	0	1	0	0	
	Limit high tariff 1 (Temp. Low)	85 10,DF 48,xx xx xx xx	H,32 bits	[°C]	ReturnTemperature_UpperLimitOf	0	1	0	0	
	Limit high tariff 1 (Delta T)	85 10,E3 48,xx xx xx xx	H,32 bits	[K]	TemperatureDifference_UpperLimitOf	0	1	0	0	
	Limit high tariff 1 (Date/Time)	84 10,ED 48,xx xx xx xx	F,32 bits		DateAndTime_UpperLimitOf	0	1	0	0	
	Type tariff 2	81 20,FF 0B,tt	G,16 bits		TariffType	0	2	0	0	
	Limit low tariff 2 (Power)	85 20,AB 40,xx xx xx xx	H,32 bits	[W]	Power_LowerLimitOf	0	2	0	0	
	Limit low tariff 2 (Flow)	85 20,CE 40,xx xx xx xx	H,32 bits	[m3/h]	VolumeFlow_LowerLimitOf	0	2	0	0	
	Limit low tariff 2 (Temp. High)	85 20,DB 40,xx xx xx xx	H,32 bits	[°C]	FlowTemperature_LowerLimitOf	0	2	0	0	
	Limit low tariff 2 (Temp. Low)	85 20,DF 40,xx xx xx xx	H,32 bits	[°C]	ReturnTemperature_LowerLimitOf	0	2	0	0	
	Limit low tariff 2 (Delta T)	85 20,E3 40,xx xx xx xx	H,32 bits	[K]	TemperatureDifference_LowerLimitOf	0	2	0	0	
	Limit low tariff 2 (Date/Time)	84 20,ED 40,xx xx xx xx	F,32 bits		DateAndTime_LowerLimitOf	0	2	0	0	
	Limit high tariff 2 (Power)	85 20,AB 48,xx xx xx xx	H,32 bits	[W]	Power_UpperLimitOf	0	2	0	0	
	Limit high tariff 2 (Flow)	85 20,CE 48,xx xx xx xx	H,32 bits	[m3/h]	VolumeFlow_UpperLimitOf	0	2	0	0	
	Limit high tariff 2 (Temp. High)	85 20,DB 48,xx xx xx xx	H,32 bits	[°C]	FlowTemperature_UpperLimitOf	0	2	0	0	
	Limit high tariff 2 (Temp. Low)	85 20,DF 48,xx xx xx xx	H,32 bits	[°C]	ReturnTemperature_UpperLimitOf	0	2	0	0	
	Limit high tariff 2 (Delta T)	85 20,E3 48,xx xx xx xx	H,32 bits	[K]	TemperatureDifference_UpperLimitOf	0	2	0	0	
	Limit high tariff 2 (Date/Time)	84 20,ED 48,xx xx xx xx	F,32 bits		DateAndTime_UpperLimitOf	0	2	0	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	Check Sum	cs								
	Stop	16								

Max frame size: 167 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Su	Tariff	Storage	Fu	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Fabrication Number MET	0C,78,xx xx xx xx	A, 32 bits	#	FabricationNumber	0	0	0	0	<Records>
	Model MET	0D,FD 0C,Ls ch ch ch ch ch ch ch ch ch ch ch ch ch	LVAR	15 char max.	Version	0	0	0	0	
	Days without energy	02,FF 05,xx xx	C, 16 bits	# § [days]	DayWithoutEnergy	0	0	0	0	
	Days without flow	02,FF 06,xx xx	C, 16 bits	# § [days]	DayWithoutVolume	0	0	0	0	
	Type output1	81 C0 80 80 40,FF 0D,to	C, 8 bits		OutputType	9	0	0	0	
	Type output2	81 80 C0 80 40,FF 0D,to	C, 8 bits		OutputType	10	0	0	0	
	Type output3	81 C0 C0 80 40,FF 0D,to	C, 8 bits		OutputType	11	0	0	0	
	Type output4	81 80 80 C0 40,FF 0D,to	C, 8 bits		OutputType	12	0	0	0	
	Type output5	81 C0 80 C0 40,FF 0D,to	C, 8 bits		OutputType	13	0	0	0	
	Type output6	81 80 C0 C0 40,FF 0D,to	C, 8 bits		OutputType	14	0	0	0	
	Complementary output 1 pulse factor	85 C0 80 80 40,FD BA 2A,xx xx xx xx	H, 32 bits		Dimensionless_PerOutputPulseOnChannel0	9	0	0	0	
	Complementary output 2 pulse factor	85 80 C0 80 40,FD BA 2A,xx xx xx xx	H, 32 bits		Dimensionless_PerOutputPulseOnChannel0	10	0	0	0	
	Complementary output 3 pulse factor	85 C0 C0 80 40,FD BA 2A,xx xx xx xx	H, 32 bits		Dimensionless_PerOutputPulseOnChannel0	11	0	0	0	
	Complementary output 4 pulse factor	85 80 80 C0 40,FD BA 2A,xx xx xx xx	H, 32 bits		Dimensionless_PerOutputPulseOnChannel0	12	0	0	0	
	Complementary output 5 pulse factor	85 C0 80 C0 40,FD BA 2A,xx xx xx xx	H, 32 bits		Dimensionless_PerOutputPulseOnChannel0	13	0	0	0	
	Complementary output 6 pulse factor	85 80 C0 C0 40,FD BA 2A,xx xx xx xx	H, 32 bits		Dimensionless_PerOutputPulseOnChannel0	14	0	0	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 177 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Su	Tariff	Storage	Fu	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Fabrication Number MIO	8C C0 C0 40,78,xx xx xx xx	A, 32 bits	#	FabricationNumber	7	0	0	0	<Records>
	Model MIO	8D C0 C0 40,FD 0C,Ls ch ch ch ch ch ch ch ch ch ch ch ch ch ch	LVAR	15 char max.	Version	7	0	0	0	
	Type input 1	81 40,FF 0C,ti	C, 8 bits	§	InputType	1	0	0	0	
	Type input 2	81 80 40,FF 0C,ti	C, 8 bits	§	InputType	2	0	0	0	
	Type input 3	81 C0 40,FF 0C,ti	C, 8 bits	§	InputType	3	0	0	0	
	Type input 4	81 80 80 40,FF 0C,ti	C, 8 bits	§	InputType	4	0	0	0	
	Type input 5	81 C0 80 40,FF 0C,ti	C, 8 bits	§	InputType	5	0	0	0	
	Type input 6	81 80 C0 40,FF 0C,ti	C, 8 bits	§	InputType	6	0	0	0	
	Complementary counter 1 pulse factor	85 40,FD BA 28,xx xx xx xx	H, 32 bits	[Unit/p]	Dimensionless_PerInputPulseOnChannel0	1	0	0	0	
	Measured media counter 1	81 40,FD 09,xx	D, 8 bits		DeviceType	1	0	0	0	
	Complementary counter 2 pulse factor	85 80 40,FD BA 28,xx xx xx xx	H, 32 bits	[Unit/p]	Dimensionless_PerInputPulseOnChannel0	2	0	0	0	
	Measured media counter 2	81 80 40,FD 09,xx	D, 8 bits		DeviceType	2	0	0	0	
	Complementary counter 3 pulse factor	85 C0 40,FD BA 28,xx xx xx xx	H, 32 bits	[Unit/p]	Dimensionless_PerInputPulseOnChannel0	3	0	0	0	
	Measured media counter 3	81 C0 40,FD 09,xx	D, 8 bits		DeviceType	3	0	0	0	
	Complementary counter 4 pulse factor	85 80 80 40,FD BA 28,xx xx xx xx	H, 32 bits	[Unit/p]	Dimensionless_PerInputPulseOnChannel0	4	0	0	0	
	Measured media counter 4	81 80 80 40,FD 09,xx	D, 8 bits		DeviceType	4	0	0	0	
	Complementary counter 5 pulse factor	85 C0 80 40,FD BA 28,xx xx xx xx	H, 32 bits	[Unit/p]	Dimensionless_PerInputPulseOnChannel0	5	0	0	0	
	Measured media counter 5	81 C0 80 40,FD 09,xx	D, 8 bits		DeviceType	5	0	0	0	
	Complementary counter 6 pulse factor	85 80 C0 40,FD BA 28,xx xx xx xx	H, 32 bits	[Unit/p]	Dimensionless_PerInputPulseOnChannel0	6	0	0	0	
	Measured media counter 6	81 80 C0 40,FD 09,xx	D, 8 bits		DeviceType	6	0	0	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 191 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name (Note 2)	Sub-Unit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Energy totalizer stored at ST 1	C4 84 01,en en,xx xx xx xx	B, 32 bits		Energy	0	0	41	0	<Records>
	Volume totalizer stored at ST 1	C4 84 01,vo vo,xx xx xx xx	B, 32 bits		Volume	0	0	41	0	
	Energy totalizer 1 stored at ST 1	C4 94 01,en en,xx xx xx xx	B, 32 bits		Energy	0	1	41	0	
	Volume totalizer 1 stored at ST 1	C4 94 01,vo vo,xx xx xx xx	B, 32 bits		Volume	0	1	41	0	
	Energy totalizer 2 stored at ST 1	C4 A4 01,en en,xx xx xx xx	B, 32 bits		Energy	0	2	41	0	
	Volume totalizer 2 stored at ST 1	C4 A4 01,vo vo,xx xx xx xx	B, 32 bits		Volume	0	2	41	0	
	Complementary counter 1 totalizer stored at ST 1	C4 C4 01,co co,xx xx xx xx	B, 32 bits		Dimensionless | Energy | Volume	1	0	41	0	
	Complementary counter 2 totalizer stored at ST 1	C4 84 41,co co,xx xx xx xx	B, 32 bits		Dimensionless | Energy | Volume	2	0	41	0	
	Complementary counter 3 totalizer stored at ST 1	C4 C4 41,co co,xx xx xx xx	B, 32 bits		Dimensionless | Energy | Volume	3	0	41	0	
	Complementary counter 4 totalizer stored at ST 1	C4 84 81 40,co co,xx xx xx xx	B, 32 bits		Dimensionless | Energy | Volume	4	0	41	0	
	Complementary counter 5 totalizer stored at ST 1	C4 C4 81 40,co co,xx xx xx xx	B, 32 bits		Dimensionless | Energy | Volume	5	0	41	0	
	Complementary counter 6 totalizer stored at ST 1	C4 84 C1 40,co co,xx xx xx xx	B, 32 bits		Dimensionless | Energy | Volume	6	0	41	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 133 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.
2. Depending on the device configuration the kind of some values can be different. Therefore the XML attribute name can be one of the name separated by "|"

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	68,Le Le,68	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Ful*	*Sto*	*Tar*	*De*	*Value Info*
	Energy totalizer stored at ST 2	84 85 01,en en,xx xx xx xx	9	B, 32 bits		42	0	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer stored at ST 2	84 85 01,vo vo,xx xx xx xx	9	B, 32 bits		42	0	0	Volume; 0.001, 0.01 m3
	Energy totalizer 1 stored at ST 2	84 95 01,en en,xx xx xx xx	9	B, 32 bits		42	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 1 stored at ST 2	84 95 01,vo vo,xx xx xx xx	9	B, 32 bits		42	1	0	Volume; 0.001, 0.01 m3
	Energy totalizer 2 stored at ST 2	84 A5 01,en en,xx xx xx xx	9	B, 32 bits		42	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Volume totalizer 2 stored at ST 2	84 A5 01,vo vo,xx xx xx xx	9	B, 32 bits		42	2	0	Volume; 0.001, 0.01 m3
	Complementary counter 1 totalizer stored at ST 2	84 C5 01,co co,xx xx xx xx	9	B, 32 bits		42	0	1	
	Complementary counter 2 totalizer stored at ST 2	84 85 41,co co,xx xx xx xx	9	B, 32 bits		42	0	2	
	Complementary counter 3 totalizer stored at ST 2	84 C5 41,co co,xx xx xx xx	9	B, 32 bits		42	0	3	
	Complementary counter 4 totalizer stored at ST 2	84 85 81 40,co co,xx xx xx xx	10	B, 32 bits		42	0	4	
	Complementary counter 5 totalizer stored at ST 2	84 C5 81 40,co co,xx xx xx xx	10	B, 32 bits		42	0	5	
	Complementary counter 6 totalizer stored at ST 2	84 85 C1 40,co co,xx xx xx xx	10	B, 32 bits		42	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Sub-Unit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Energy stored at month - 1	C4 00,en en,xx xx xx xx	B, 32 bits	#		0	0	1	0	<Records>
	Energy stored at month - 2	84 01,en en,xx xx xx xx	B, 32 bits			0	0	2	0	
	Energy stored at month - 3	C4 01,en en,xx xx xx xx	B, 32 bits			0	0	3	0	
	Energy stored at month - 4	84 02,en en,xx xx xx xx	B, 32 bits			0	0	4	0	
	Energy stored at month - 5	C4 02,en en,xx xx xx xx	B, 32 bits			0	0	5	0	
	Energy stored at month - 6	84 03,en en,xx xx xx xx	B, 32 bits			0	0	6	0	
	Energy stored at month - 7	C4 03,en en,xx xx xx xx	B, 32 bits			0	0	7	0	
	Energy stored at month - 8	84 04,en en,xx xx xx xx	B, 32 bits			0	0	8	0	
	Energy stored at month - 9	C4 04,en en,xx xx xx xx	B, 32 bits			0	0	9	0	
	Energy stored at month - 10	84 05,en en,xx xx xx xx	B, 32 bits			0	0	10	0	
	Energy stored at month - 11	C4 05,en en,xx xx xx xx	B, 32 bits			0	0	11	0	
	Energy stored at month - 12	84 06,en en,xx xx xx xx	B, 32 bits			0	0	12	0	
	Energy stored at month - 13	C4 06,en en,xx xx xx xx	B, 32 bits			0	0	13	0	
	Energy stored at month - 14	84 07,en en,xx xx xx xx	B, 32 bits			0	0	14	0	
	Energy stored at month - 15	C4 07,en en,xx xx xx xx	B, 32 bits			0	0	15	0	
	Energy stored at month - 16	84 08,en en,xx xx xx xx	B, 32 bits			0	0	16	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 150 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Sub-Unit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Energy stored at month - 17	C4 08,en en,xx xx xx xx	B, 32 bits			0	0	17	0	<Records>
	Energy stored at month - 18	84 09,en en,xx xx xx xx	B, 32 bits			0	0	18	0	
	Energy stored at month - 19	C4 09,en en,xx xx xx xx	B, 32 bits			0	0	19	0	
	Energy stored at month - 20	84 0A,en en,xx xx xx xx	B, 32 bits			0	0	20	0	
	Energy stored at month - 21	C4 0A,en en,xx xx xx xx	B, 32 bits			0	0	21	0	
	Energy stored at month - 22	84 0B,en en,xx xx xx xx	B, 32 bits			0	0	22	0	
	Energy stored at month - 23	C4 0B,en en,xx xx xx xx	B, 32 bits			0	0	23	0	
	Energy stored at month - 24	84 0C,en en,xx xx xx xx	B, 32 bits			0	0	24	0	
	Energy stored at month - 25	C4 0C,en en,xx xx xx xx	B, 32 bits			0	0	25	0	
	Energy stored at month - 26	84 0D,en en,xx xx xx xx	B, 32 bits			0	0	26	0	
	Energy stored at month - 27	C4 0D,en en,xx xx xx xx	B, 32 bits			0	0	27	0	
	Energy stored at month - 28	84 0E,en en,xx xx xx xx	B, 32 bits			0	0	28	0	
	Energy stored at month - 29	C4 0E,en en,xx xx xx xx	B, 32 bits			0	0	29	0	
	Energy stored at month - 30	84 0F,en en,xx xx xx xx	B, 32 bits			0	0	30	0	
	Energy stored at month - 31	C4 0F,en en,xx xx xx xx	B, 32 bits			0	0	31	0	
	Energy stored at month - 32	84 80 01,en en,xx xx xx xx	B, 32 bits			0	0	32	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 151 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fur*	*Sto*	*Tar*	*Dev*	*Value Info*
	#	Volume totalizer stored at month - 1	C4 00,vo vo,xx xx xx xx	8	B, 32 bits		1	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 2	84 01,vo vo,xx xx xx xx	8	B, 32 bits		2	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 3	C4 01,vo vo,xx xx xx xx	8	B, 32 bits		3	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 4	84 02,vo vo,xx xx xx xx	8	B, 32 bits		4	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 5	C4 02,vo vo,xx xx xx xx	8	B, 32 bits		5	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 6	84 03,vo vo,xx xx xx xx	8	B, 32 bits		6	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 7	C4 03,vo vo,xx xx xx xx	8	B, 32 bits		7	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 8	84 04,vo vo,xx xx xx xx	8	B, 32 bits		8	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 9	C4 04,vo vo,xx xx xx xx	8	B, 32 bits		9	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 10	84 05,vo vo,xx xx xx xx	8	B, 32 bits		10	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 11	C4 05,vo vo,xx xx xx xx	8	B, 32 bits		11	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 12	84 06,vo vo,xx xx xx xx	8	B, 32 bits		12	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 13	C4 06,vo vo,xx xx xx xx	8	B, 32 bits		13	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 14	84 07,vo vo,xx xx xx xx	8	B, 32 bits		14	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 15	C4 07,vo vo,xx xx xx xx	8	B, 32 bits		15	0	0	Volume; 0.001, 0.01 m3
		Volume totalizer stored at month - 16	84 08,vo vo,xx xx xx xx	8	B, 32 bits		16	0	0	Volume; 0.001, 0.01 m3
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Volume totalizer stored at month - 17	C4 08,vo vo,xx xx xx xx	8	B, 32 bits		17	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 18	84 09,vo vo,xx xx xx xx	8	B, 32 bits		18	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 19	C4 0A,vo vo,xx xx xx xx	8	B, 32 bits		19	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 20	84 0A,vo vo,xx xx xx xx	8	B, 32 bits		20	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 21	C4 0B,vo vo,xx xx xx xx	8	B, 32 bits		21	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 22	84 0B,vo vo,xx xx xx xx	8	B, 32 bits		22	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 23	C4 0C,vo vo,xx xx xx xx	8	B, 32 bits		23	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 24	84 0C,vo vo,xx xx xx xx	8	B, 32 bits		24	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 25	C4 0D,vo vo,xx xx xx xx	8	B, 32 bits		25	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 26	84 0D,vo vo,xx xx xx xx	8	B, 32 bits		26	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 27	C4 0E,vo vo,xx xx xx xx	8	B, 32 bits		27	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 28	84 0E,vo vo,xx xx xx xx	8	B, 32 bits		28	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 29	C4 0F,vo vo,xx xx xx xx	8	B, 32 bits		29	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 30	84 0F,vo vo,xx xx xx xx	8	B, 32 bits		30	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 31	C4 0F,vo vo,xx xx xx xx	8	B, 32 bits		31	0	0	Volume; 0.001, 0.01 m3
	Volume totalizer stored at month - 32	84 80 01,vo vo,xx xx xx xx	9	B, 32 bits		32	0	0	Volume; 0.001, 0.01 m3
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fur*	*Sto*	*Tar*	*De*	*Value Info*
	#	Energy totalizer 1 stored at month - 1	C4 10,en en,xx xx xx xx	8	B, 32 bits		1	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 2	84 11,en en,xx xx xx xx	8	B, 32 bits		2	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 3	C4 11,en en,xx xx xx xx	8	B, 32 bits		3	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 4	84 12,en en,xx xx xx xx	8	B, 32 bits		4	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 5	C4 12,en en,xx xx xx xx	8	B, 32 bits		5	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 6	84 13,en en,xx xx xx xx	8	B, 32 bits		6	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 7	C4 13,en en,xx xx xx xx	8	B, 32 bits		7	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 8	84 14,en en,xx xx xx xx	8	B, 32 bits		8	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 9	C4 14,en en,xx xx xx xx	8	B, 32 bits		9	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 10	84 15,en en,xx xx xx xx	8	B, 32 bits		10	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 11	C4 15,en en,xx xx xx xx	8	B, 32 bits		11	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 12	84 16,en en,xx xx xx xx	8	B, 32 bits		12	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 13	C4 16,en en,xx xx xx xx	8	B, 32 bits		13	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 14	84 17,en en,xx xx xx xx	8	B, 32 bits		14	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 15	C4 17,en en,xx xx xx xx	8	B, 32 bits		15	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 1 stored at month - 16	84 18,en en,xx xx xx xx	8	B, 32 bits		16	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*De*	*Value Info*
	Energy totalizer 1 stored at month - 17	C4 18,en en,xx xx xx xx	8	B, 32 bits		17	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 18	84 19,en en,xx xx xx xx	8	B, 32 bits		18	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 19	C4 19,en en,xx xx xx xx	8	B, 32 bits		19	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 20	84 1A,en en,xx xx xx xx	8	B, 32 bits		20	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 21	C4 1A,en en,xx xx xx xx	8	B, 32 bits		21	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 22	84 1B,en en,xx xx xx xx	8	B, 32 bits		22	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 23	C4 1B,en en,xx xx xx xx	8	B, 32 bits		23	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 24	84 1C,en en,xx xx xx xx	8	B, 32 bits		24	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 25	C4 1C,en en,xx xx xx xx	8	B, 32 bits		25	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 26	84 1D,en en,xx xx xx xx	8	B, 32 bits		26	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 27	C4 1D,en en,xx xx xx xx	8	B, 32 bits		27	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 28	84 1E,en en,xx xx xx xx	8	B, 32 bits		28	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 29	C4 1E,en en,xx xx xx xx	8	B, 32 bits		29	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 30	84 1F,en en,xx xx xx xx	8	B, 32 bits		30	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 31	C4 1F,en en,xx xx xx xx	8	B, 32 bits		31	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 1 stored at month - 32	C4 90 01,en en,xx xx xx xx	9	B, 32 bits		32	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	#	Volume totalizer 1 stored at month - 1	C4 10,vo vo,xx xx xx xx	8	B, 32 bits		1	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 2	84 11,vo vo,xx xx xx xx	8	B, 32 bits		2	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 3	C4 11,vo vo,xx xx xx xx	8	B, 32 bits		3	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 4	84 12,vo vo,xx xx xx xx	8	B, 32 bits		4	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 5	C4 12,vo vo,xx xx xx xx	8	B, 32 bits		5	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 6	84 13,vo vo,xx xx xx xx	8	B, 32 bits		6	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 7	C4 13,vo vo,xx xx xx xx	8	B, 32 bits		7	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 8	84 14,vo vo,xx xx xx xx	8	B, 32 bits		8	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 9	C4 14,vo vo,xx xx xx xx	8	B, 32 bits		9	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 10	84 15,vo vo,xx xx xx xx	8	B, 32 bits		10	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 11	C4 15,vo vo,xx xx xx xx	8	B, 32 bits		11	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 12	84 16,vo vo,xx xx xx xx	8	B, 32 bits		12	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 13	C4 16,vo vo,xx xx xx xx	8	B, 32 bits		13	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 14	84 17,vo vo,xx xx xx xx	8	B, 32 bits		14	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 15	C4 17,vo vo,xx xx xx xx	8	B, 32 bits		15	1	0	Volume; 0.001, 0.01 m3
		Volume totalizer 1 stored at month - 16	84 18,vo vo,xx xx xx xx	8	B, 32 bits		16	1	0	Volume; 0.001, 0.01 m3
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Volume totalizer 1 stored at month - 17	C4 18,vo vo,xx xx xx xx	8	B, 32 bits		17	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 18	84 19,vo vo,xx xx xx xx	8	B, 32 bits		18	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 19	C4 19,vo vo,xx xx xx xx	8	B, 32 bits		19	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 20	84 1A,vo vo,xx xx xx xx	8	B, 32 bits		20	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 21	C4 1A,vo vo,xx xx xx xx	8	B, 32 bits		21	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 22	84 1B,vo vo,xx xx xx xx	8	B, 32 bits		22	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 23	C4 1B,vo vo,xx xx xx xx	8	B, 32 bits		23	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 24	84 1C,vo vo,xx xx xx xx	8	B, 32 bits		24	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 25	C4 1C,vo vo,xx xx xx xx	8	B, 32 bits		25	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 26	84 1D,vo vo,xx xx xx xx	8	B, 32 bits		26	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 27	C4 1D,vo vo,xx xx xx xx	8	B, 32 bits		27	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 28	84 1E,vo vo,xx xx xx xx	8	B, 32 bits		28	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 29	C4 1E,vo vo,xx xx xx xx	8	B, 32 bits		29	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 30	84 1F,vo vo,xx xx xx xx	8	B, 32 bits		30	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 31	C4 1F,vo vo,xx xx xx xx	8	B, 32 bits		31	1	0	Volume; 0.001, 0.01 m3
	Volume totalizer 1 stored at month - 32	C4 90 01,vo vo,xx xx xx xx	9	B, 32 bits		32	1	0	Volume; 0.001, 0.01 m3
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tai*	*De*	*Value Info*
	#	Energy totalizer 2 stored at month - 1	C4 20,en en,xx xx xx xx	8	B, 32 bits		1	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 2	84 21,en en,xx xx xx xx	8	B, 32 bits		2	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 3	C4 21,en en,xx xx xx xx	8	B, 32 bits		3	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 4	84 22,en en,xx xx xx xx	8	B, 32 bits		4	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 5	C4 22,en en,xx xx xx xx	8	B, 32 bits		5	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 6	84 23,en en,xx xx xx xx	8	B, 32 bits		6	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 7	C4 23,en en,xx xx xx xx	8	B, 32 bits		7	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 8	84 24,en en,xx xx xx xx	8	B, 32 bits		8	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 9	C4 24,en en,xx xx xx xx	8	B, 32 bits		9	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 10	84 25,en en,xx xx xx xx	8	B, 32 bits		10	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 11	C4 25,en en,xx xx xx xx	8	B, 32 bits		11	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 12	84 26,en en,xx xx xx xx	8	B, 32 bits		12	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 13	C4 26,en en,xx xx xx xx	8	B, 32 bits		13	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 14	84 27,en en,xx xx xx xx	8	B, 32 bits		14	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 15	C4 27,en en,xx xx xx xx	8	B, 32 bits		15	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		Energy totalizer 2 stored at month - 16	84 28,en en,xx xx xx xx	8	B, 32 bits		16	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*De*	*Value Info*
	Energy totalizer 2 stored at month - 17	C4 28,en en,xx xx xx xx	8	B, 32 bits		17	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 18	84 29,en en,xx xx xx xx	8	B, 32 bits		18	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 19	C4 29,en en,xx xx xx xx	8	B, 32 bits		19	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 20	84 2A,en en,xx xx xx xx	8	B, 32 bits		20	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 21	C4 2A,en en,xx xx xx xx	8	B, 32 bits		21	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 22	84 2B,en en,xx xx xx xx	8	B, 32 bits		22	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 23	C4 2B,en en,xx xx xx xx	8	B, 32 bits		23	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 24	84 2C,en en,xx xx xx xx	8	B, 32 bits		24	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 25	C4 2C,en en,xx xx xx xx	8	B, 32 bits		25	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 26	84 2D,en en,xx xx xx xx	8	B, 32 bits		26	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 27	C4 2D,en en,xx xx xx xx	8	B, 32 bits		27	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 28	84 2E,en en,xx xx xx xx	8	B, 32 bits		28	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 29	C4 2E,en en,xx xx xx xx	8	B, 32 bits		29	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 30	84 2F,en en,xx xx xx xx	8	B, 32 bits		30	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 31	C4 2F,en en,xx xx xx xx	8	B, 32 bits		31	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	Energy totalizer 2 stored at month - 32	C4 A0 01,en en,xx xx xx xx	9	B, 32 bits		32	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	#	Volume totalizer 2 stored at month - 1	C4 20,vo vo,xx xx xx xx	8	B, 32 bits		1	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 2	84 21,vo vo,xx xx xx xx	8	B, 32 bits		2	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 3	C4 21,vo vo,xx xx xx xx	8	B, 32 bits		3	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 4	84 22,vo vo,xx xx xx xx	8	B, 32 bits		4	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 5	C4 22,vo vo,xx xx xx xx	8	B, 32 bits		5	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 6	84 23,vo vo,xx xx xx xx	8	B, 32 bits		6	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 7	C4 23,vo vo,xx xx xx xx	8	B, 32 bits		7	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 8	84 24,vo vo,xx xx xx xx	8	B, 32 bits		8	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 9	C4 24,vo vo,xx xx xx xx	8	B, 32 bits		9	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 10	84 25,vo vo,xx xx xx xx	8	B, 32 bits		10	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 11	C4 25,vo vo,xx xx xx xx	8	B, 32 bits		11	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 12	84 26,vo vo,xx xx xx xx	8	B, 32 bits		12	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 13	C4 26,vo vo,xx xx xx xx	8	B, 32 bits		13	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 14	84 27,vo vo,xx xx xx xx	8	B, 32 bits		14	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 15	C4 27,vo vo,xx xx xx xx	8	B, 32 bits		15	2	0	Volume; 0.001, 0.01 m3
		Volume totalizer 2 stored at month - 16	84 28,vo vo,xx xx xx xx	8	B, 32 bits		16	2	0	Volume; 0.001, 0.01 m3
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Volume totalizer 2 stored at month - 17	C4 28,vo vo,xx xx xx xx	8	B, 32 bits		17	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 18	84 29,vo vo,xx xx xx xx	8	B, 32 bits		18	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 19	C4 29,vo vo,xx xx xx xx	8	B, 32 bits		19	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 20	84 2A,vo vo,xx xx xx xx	8	B, 32 bits		20	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 21	C4 2A,vo vo,xx xx xx xx	8	B, 32 bits		21	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 22	84 2B,vo vo,xx xx xx xx	8	B, 32 bits		22	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 23	C4 2B,vo vo,xx xx xx xx	8	B, 32 bits		23	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 24	84 2C,vo vo,xx xx xx xx	8	B, 32 bits		24	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 25	C4 2C,vo vo,xx xx xx xx	8	B, 32 bits		25	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 26	84 2D,vo vo,xx xx xx xx	8	B, 32 bits		26	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 27	C4 2D,vo vo,xx xx xx xx	8	B, 32 bits		27	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 28	84 2E,vo vo,xx xx xx xx	8	B, 32 bits		28	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 29	C4 2E,vo vo,xx xx xx xx	8	B, 32 bits		29	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 30	84 2F,vo vo,xx xx xx xx	8	B, 32 bits		30	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 31	C4 2F,vo vo,xx xx xx xx	8	B, 32 bits		31	2	0	Volume; 0.001, 0.01 m3
	Volume totalizer 2 stored at month - 32	84 A0 01,vo vo,xx xx xx xx	9	B, 32 bits		32	2	0	Volume; 0.001, 0.01 m3
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tai*	*De*	*Value Info*
	#	Complementary counter 1 totalizer stored at month - 1	C4 40,co co,xx xx xx xx	8	B, 32 bits		1	0	1	
		Complementary counter 1 totalizer stored at month - 2	84 41,co co,xx xx xx xx	8	B, 32 bits		2	0	1	
		Complementary counter 1 totalizer stored at month - 3	C4 41,co co,xx xx xx xx	8	B, 32 bits		3	0	1	
		Complementary counter 1 totalizer stored at month - 4	84 42,co co,xx xx xx xx	8	B, 32 bits		4	0	1	
		Complementary counter 1 totalizer stored at month - 5	C4 42,co co,xx xx xx xx	8	B, 32 bits		5	0	1	
		Complementary counter 1 totalizer stored at month - 6	84 43,co co,xx xx xx xx	8	B, 32 bits		6	0	1	
		Complementary counter 1 totalizer stored at month - 7	C4 43,co co,xx xx xx xx	8	B, 32 bits		7	0	1	
		Complementary counter 1 totalizer stored at month - 8	84 44,co co,xx xx xx xx	8	B, 32 bits		8	0	1	
		Complementary counter 1 totalizer stored at month - 9	C4 44,co co,xx xx xx xx	8	B, 32 bits		9	0	1	
		Complementary counter 1 totalizer stored at month - 10	84 45,co co,xx xx xx xx	8	B, 32 bits		10	0	1	
		Complementary counter 1 totalizer stored at month - 11	C4 45,co co,xx xx xx xx	8	B, 32 bits		11	0	1	
		Complementary counter 1 totalizer stored at month - 12	84 46,co co,xx xx xx xx	8	B, 32 bits		12	0	1	
		Complementary counter 1 totalizer stored at month - 13	C4 46,co co,xx xx xx xx	8	B, 32 bits		13	0	1	
		Complementary counter 1 totalizer stored at month - 14	84 47,co co,xx xx xx xx	8	B, 32 bits		14	0	1	
		Complementary counter 1 totalizer stored at month - 15	C4 47,co co,xx xx xx xx	8	B, 32 bits		15	0	1	
		Complementary counter 1 totalizer stored at month - 16	84 48,co co,xx xx xx xx	8	B, 32 bits		16	0	1	
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 1 totalizer stored at month - 17	C4 48,co co,xx xx xx xx	8	B, 32 bits		17	0	1	
	Complementary counter 1 totalizer stored at month - 18	84 49,co co,xx xx xx xx	8	B, 32 bits		18	0	1	
	Complementary counter 1 totalizer stored at month - 19	C4 49,co co,xx xx xx xx	8	B, 32 bits		19	0	1	
	Complementary counter 1 totalizer stored at month - 20	84 4A,co co,xx xx xx xx	8	B, 32 bits		20	0	1	
	Complementary counter 1 totalizer stored at month - 21	C4 4A,co co,xx xx xx xx	8	B, 32 bits		21	0	1	
	Complementary counter 1 totalizer stored at month - 22	84 4B,co co,xx xx xx xx	8	B, 32 bits		22	0	1	
	Complementary counter 1 totalizer stored at month - 23	C4 4B,co co,xx xx xx xx	8	B, 32 bits		23	0	1	
	Complementary counter 1 totalizer stored at month - 24	84 4C,co co,xx xx xx xx	8	B, 32 bits		24	0	1	
	Complementary counter 1 totalizer stored at month - 25	C4 4C,co co,xx xx xx xx	8	B, 32 bits		25	0	1	
	Complementary counter 1 totalizer stored at month - 26	84 4D,co co,xx xx xx xx	8	B, 32 bits		26	0	1	
	Complementary counter 1 totalizer stored at month - 27	C4 4D,co co,xx xx xx xx	8	B, 32 bits		27	0	1	
	Complementary counter 1 totalizer stored at month - 28	84 4E,co co,xx xx xx xx	8	B, 32 bits		28	0	1	
	Complementary counter 1 totalizer stored at month - 29	C4 4E,co co,xx xx xx xx	8	B, 32 bits		29	0	1	
	Complementary counter 1 totalizer stored at month - 30	84 4F,co co,xx xx xx xx	8	B, 32 bits		30	0	1	
	Complementary counter 1 totalizer stored at month - 31	C4 4F,co co,xx xx xx xx	8	B, 32 bits		31	0	1	
	Complementary counter 1 totalizer stored at month - 32	84 C0 01,co co,xx xx xx xx	9	B, 32 bits		32	0	1	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	#	Complementary counter 2 totalizer stored at month - 1	C4 80 40,co co,xx xx xx xx	9	B, 32 bits		1	0	2	
		Complementary counter 2 totalizer stored at month - 2	84 81 40,co co,xx xx xx xx	9	B, 32 bits		2	0	2	
		Complementary counter 2 totalizer stored at month - 3	C4 81 40,co co,xx xx xx xx	9	B, 32 bits		3	0	2	
		Complementary counter 2 totalizer stored at month - 4	84 82 40,co co,xx xx xx xx	9	B, 32 bits		4	0	2	
		Complementary counter 2 totalizer stored at month - 5	C4 82 40,co co,xx xx xx xx	9	B, 32 bits		5	0	2	
		Complementary counter 2 totalizer stored at month - 6	84 83 40,co co,xx xx xx xx	9	B, 32 bits		6	0	2	
		Complementary counter 2 totalizer stored at month - 7	C4 83 40,co co,xx xx xx xx	9	B, 32 bits		7	0	2	
		Complementary counter 2 totalizer stored at month - 8	84 84 40,co co,xx xx xx xx	9	B, 32 bits		8	0	2	
		Complementary counter 2 totalizer stored at month - 9	C4 84 40,co co,xx xx xx xx	9	B, 32 bits		9	0	2	
		Complementary counter 2 totalizer stored at month - 10	84 85 40,co co,xx xx xx xx	9	B, 32 bits		10	0	2	
		Complementary counter 2 totalizer stored at month - 11	C4 85 40,co co,xx xx xx xx	9	B, 32 bits		11	0	2	
		Complementary counter 2 totalizer stored at month - 12	84 86 40,co co,xx xx xx xx	9	B, 32 bits		12	0	2	
		Complementary counter 2 totalizer stored at month - 13	C4 86 40,co co,xx xx xx xx	9	B, 32 bits		13	0	2	
		Complementary counter 2 totalizer stored at month - 14	84 87 40,co co,xx xx xx xx	9	B, 32 bits		14	0	2	
		Complementary counter 2 totalizer stored at month - 15	C4 87 40,co co,xx xx xx xx	9	B, 32 bits		15	0	2	
		Complementary counter 2 totalizer stored at month - 16	84 88 40,co co,xx xx xx xx	9	B, 32 bits		16	0	2	
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 totalizer stored at month - 17	C4 88 40,co co,xx xx xx xx	9	B, 32 bits		17	0	2	
	Complementary counter 2 totalizer stored at month - 18	84 89 40,co co,xx xx xx xx	9	B, 32 bits		18	0	2	
	Complementary counter 2 totalizer stored at month - 19	C4 89 40,co co,xx xx xx xx	9	B, 32 bits		19	0	2	
	Complementary counter 2 totalizer stored at month - 20	84 8A 40,co co,xx xx xx xx	9	B, 32 bits		20	0	2	
	Complementary counter 2 totalizer stored at month - 21	C4 8A 40,co co,xx xx xx xx	9	B, 32 bits		21	0	2	
	Complementary counter 2 totalizer stored at month - 22	84 8B 40,co co,xx xx xx xx	9	B, 32 bits		22	0	2	
	Complementary counter 2 totalizer stored at month - 23	C4 8B 40,co co,xx xx xx xx	9	B, 32 bits		23	0	2	
	Complementary counter 2 totalizer stored at month - 24	84 8C 40,co co,xx xx xx xx	9	B, 32 bits		24	0	2	
	Complementary counter 2 totalizer stored at month - 25	C4 8C 40,co co,xx xx xx xx	9	B, 32 bits		25	0	2	
	Complementary counter 2 totalizer stored at month - 26	84 8D 40,co co,xx xx xx xx	9	B, 32 bits		26	0	2	
	Complementary counter 2 totalizer stored at month - 27	C4 8D 40,co co,xx xx xx xx	9	B, 32 bits		27	0	2	
	Complementary counter 2 totalizer stored at month - 28	84 8E 40,co co,xx xx xx xx	9	B, 32 bits		28	0	2	
	Complementary counter 2 totalizer stored at month - 29	C4 8E 40,co co,xx xx xx xx	9	B, 32 bits		29	0	2	
	Complementary counter 2 totalizer stored at month - 30	84 8F 40,co co,xx xx xx xx	9	B, 32 bits		30	0	2	
	Complementary counter 2 totalizer stored at month - 31	C4 8F 40,co co,xx xx xx xx	9	B, 32 bits		31	0	2	
	Complementary counter 2 totalizer stored at month - 32	84 80 41,co co,xx xx xx xx	9	B, 32 bits		32	0	2	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 totalizer stored at month - 1	C4 C0 40,co co,xx xx xx xx	9	B, 32 bits		1	0	3	
	Complementary counter 3 totalizer stored at month - 2	84 C1 40,co co,xx xx xx xx	9	B, 32 bits		2	0	3	
	Complementary counter 3 totalizer stored at month - 3	C4 C1 40,co co,xx xx xx xx	9	B, 32 bits		3	0	3	
	Complementary counter 3 totalizer stored at month - 4	84 C2 40,co co,xx xx xx xx	9	B, 32 bits		4	0	3	
	Complementary counter 3 totalizer stored at month - 5	C4 C2 40,co co,xx xx xx xx	9	B, 32 bits		5	0	3	
	Complementary counter 3 totalizer stored at month - 6	84 C3 40,co co,xx xx xx xx	9	B, 32 bits		6	0	3	
	Complementary counter 3 totalizer stored at month - 7	C4 C3 40,co co,xx xx xx xx	9	B, 32 bits		7	0	3	
	Complementary counter 3 totalizer stored at month - 8	84 C4 40,co co,xx xx xx xx	9	B, 32 bits		8	0	3	
	Complementary counter 3 totalizer stored at month - 9	C4 C4 40,co co,xx xx xx xx	9	B, 32 bits		9	0	3	
	Complementary counter 3 totalizer stored at month - 10	84 C5 40,co co,xx xx xx xx	9	B, 32 bits		10	0	3	
	Complementary counter 3 totalizer stored at month - 11	C4 C5 40,co co,xx xx xx xx	9	B, 32 bits		11	0	3	
	Complementary counter 3 totalizer stored at month - 12	84 C6 40,co co,xx xx xx xx	9	B, 32 bits		12	0	3	
	Complementary counter 3 totalizer stored at month - 13	C4 C6 40,co co,xx xx xx xx	9	B, 32 bits		13	0	3	
	Complementary counter 3 totalizer stored at month - 14	84 C7 40,co co,xx xx xx xx	9	B, 32 bits		14	0	3	
	Complementary counter 3 totalizer stored at month - 15	C4 C7 40,co co,xx xx xx xx	9	B, 32 bits		15	0	3	
	Complementary counter 3 totalizer stored at month - 16	84 C8 40,co co,xx xx xx xx	9	B, 32 bits		16	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 totalizer stored at month - 17	C4 C8 40,co co,xx xx xx xx	9	B, 32 bits		17	0	3	
	Complementary counter 3 totalizer stored at month - 18	84 C9 40,co co,xx xx xx xx	9	B, 32 bits		18	0	3	
	Complementary counter 3 totalizer stored at month - 19	C4 C9 40,co co,xx xx xx xx	9	B, 32 bits		19	0	3	
	Complementary counter 3 totalizer stored at month - 20	84 CA 40,co co,xx xx xx xx	9	B, 32 bits		20	0	3	
	Complementary counter 3 totalizer stored at month - 21	C4 CA 40,co co,xx xx xx xx	9	B, 32 bits		21	0	3	
	Complementary counter 3 totalizer stored at month - 22	84 CB 40,co co,xx xx xx xx	9	B, 32 bits		22	0	3	
	Complementary counter 3 totalizer stored at month - 23	C4 CB 40,co co,xx xx xx xx	9	B, 32 bits		23	0	3	
	Complementary counter 3 totalizer stored at month - 24	84 CC 40,co co,xx xx xx xx	9	B, 32 bits		24	0	3	
	Complementary counter 3 totalizer stored at month - 25	C4 CC 40,co co,xx xx xx xx	9	B, 32 bits		25	0	3	
	Complementary counter 3 totalizer stored at month - 26	84 CD 40,co co,xx xx xx xx	9	B, 32 bits		26	0	3	
	Complementary counter 3 totalizer stored at month - 27	C4 CD 40,co co,xx xx xx xx	9	B, 32 bits		27	0	3	
	Complementary counter 3 totalizer stored at month - 28	84 CE 40,co co,xx xx xx xx	9	B, 32 bits		28	0	3	
	Complementary counter 3 totalizer stored at month - 29	C4 CE 40,co co,xx xx xx xx	9	B, 32 bits		29	0	3	
	Complementary counter 3 totalizer stored at month - 30	84 CF 40,co co,xx xx xx xx	9	B, 32 bits		30	0	3	
	Complementary counter 3 totalizer stored at month - 31	C4 CF 40,co co,xx xx xx xx	9	B, 32 bits		31	0	3	
	Complementary counter 3 totalizer stored at month - 32	84 C0 41,co co,xx xx xx xx	9	B, 32 bits		32	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 totalizer stored at month - 1	C4 80 80 40,co co,xx xx xx xx	10	B, 32 bits		1	0	4	
	Complementary counter 4 totalizer stored at month - 2	84 81 80 40,co co,xx xx xx xx	10	B, 32 bits		2	0	4	
	Complementary counter 4 totalizer stored at month - 3	C4 81 80 40,co co,xx xx xx xx	10	B, 32 bits		3	0	4	
	Complementary counter 4 totalizer stored at month - 4	84 82 80 40,co co,xx xx xx xx	10	B, 32 bits		4	0	4	
	Complementary counter 4 totalizer stored at month - 5	C4 82 80 40,co co,xx xx xx xx	10	B, 32 bits		5	0	4	
	Complementary counter 4 totalizer stored at month - 6	84 83 80 40,co co,xx xx xx xx	10	B, 32 bits		6	0	4	
	Complementary counter 4 totalizer stored at month - 7	C4 83 80 40,co co,xx xx xx xx	10	B, 32 bits		7	0	4	
	Complementary counter 4 totalizer stored at month - 8	84 84 80 40,co co,xx xx xx xx	10	B, 32 bits		8	0	4	
	Complementary counter 4 totalizer stored at month - 9	C4 84 80 40,co co,xx xx xx xx	10	B, 32 bits		9	0	4	
	Complementary counter 4 totalizer stored at month - 10	84 85 80 40,co co,xx xx xx xx	10	B, 32 bits		10	0	4	
	Complementary counter 4 totalizer stored at month - 11	C4 85 80 40,co co,xx xx xx xx	10	B, 32 bits		11	0	4	
	Complementary counter 4 totalizer stored at month - 12	84 86 80 40,co co,xx xx xx xx	10	B, 32 bits		12	0	4	
	Complementary counter 4 totalizer stored at month - 13	C4 86 80 40,co co,xx xx xx xx	10	B, 32 bits		13	0	4	
	Complementary counter 4 totalizer stored at month - 14	84 87 80 40,co co,xx xx xx xx	10	B, 32 bits		14	0	4	
	Complementary counter 4 totalizer stored at month - 15	C4 87 80 40,co co,xx xx xx xx	10	B, 32 bits		15	0	4	
	Complementary counter 4 totalizer stored at month - 16	84 88 80 40,co co,xx xx xx xx	10	B, 32 bits		16	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 4 totalizer stored at month - 17	C4 88 80 40,co co,xx xx xx xx	10	B, 32 bits		17	0	4	
	Complementary counter 4 totalizer stored at month - 18	84 89 80 40,co co,xx xx xx xx	10	B, 32 bits		18	0	4	
	Complementary counter 4 totalizer stored at month - 19	C4 89 80 40,co co,xx xx xx xx	10	B, 32 bits		19	0	4	
	Complementary counter 4 totalizer stored at month - 20	84 8A 80 40,co co,xx xx xx xx	10	B, 32 bits		20	0	4	
	Complementary counter 4 totalizer stored at month - 21	C4 8A 80 40,co co,xx xx xx xx	10	B, 32 bits		21	0	4	
	Complementary counter 4 totalizer stored at month - 22	84 8B 80 40,co co,xx xx xx xx	10	B, 32 bits		22	0	4	
	Complementary counter 4 totalizer stored at month - 23	C4 8B 80 40,co co,xx xx xx xx	10	B, 32 bits		23	0	4	
	Complementary counter 4 totalizer stored at month - 24	84 8C 80 40,co co,xx xx xx xx	10	B, 32 bits		24	0	4	
	Complementary counter 4 totalizer stored at month - 25	C4 8C 80 40,co co,xx xx xx xx	10	B, 32 bits		25	0	4	
	Complementary counter 4 totalizer stored at month - 26	84 8D 80 40,co co,xx xx xx xx	10	B, 32 bits		26	0	4	
	Complementary counter 4 totalizer stored at month - 27	C4 8D 80 40,co co,xx xx xx xx	10	B, 32 bits		27	0	4	
	Complementary counter 4 totalizer stored at month - 28	84 8E 80 40,co co,xx xx xx xx	10	B, 32 bits		28	0	4	
	Complementary counter 4 totalizer stored at month - 29	C4 8E 80 40,co co,xx xx xx xx	10	B, 32 bits		29	0	4	
	Complementary counter 4 totalizer stored at month - 30	84 8F 80 40,co co,xx xx xx xx	10	B, 32 bits		30	0	4	
	Complementary counter 4 totalizer stored at month - 31	C4 8F 80 40,co co,xx xx xx xx	10	B, 32 bits		31	0	4	
	Complementary counter 4 totalizer stored at month - 32	84 80 80 41,co co,xx xx xx xx	10	B, 32 bits		32	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 totalizer stored at month - 1	C4 C0 80 40,co co,xx xx xx xx	10	B, 32 bits		1	0	5	
	Complementary counter 5 totalizer stored at month - 2	84 C1 80 40,co co,xx xx xx xx	10	B, 32 bits		2	0	5	
	Complementary counter 5 totalizer stored at month - 3	C4 C1 80 40,co co,xx xx xx xx	10	B, 32 bits		3	0	5	
	Complementary counter 5 totalizer stored at month - 4	84 C2 80 40,co co,xx xx xx xx	10	B, 32 bits		4	0	5	
	Complementary counter 5 totalizer stored at month - 5	C4 C2 80 40,co co,xx xx xx xx	10	B, 32 bits		5	0	5	
	Complementary counter 5 totalizer stored at month - 6	84 C3 80 40,co co,xx xx xx xx	10	B, 32 bits		6	0	5	
	Complementary counter 5 totalizer stored at month - 7	C4 C3 80 40,co co,xx xx xx xx	10	B, 32 bits		7	0	5	
	Complementary counter 5 totalizer stored at month - 8	84 C4 80 40,co co,xx xx xx xx	10	B, 32 bits		8	0	5	
	Complementary counter 5 totalizer stored at month - 9	C4 C4 80 40,co co,xx xx xx xx	10	B, 32 bits		9	0	5	
	Complementary counter 5 totalizer stored at month - 10	84 C5 80 40,co co,xx xx xx xx	10	B, 32 bits		10	0	5	
	Complementary counter 5 totalizer stored at month - 11	C4 C5 80 40,co co,xx xx xx xx	10	B, 32 bits		11	0	5	
	Complementary counter 5 totalizer stored at month - 12	84 C6 80 40,co co,xx xx xx xx	10	B, 32 bits		12	0	5	
	Complementary counter 5 totalizer stored at month - 13	C4 C6 80 40,co co,xx xx xx xx	10	B, 32 bits		13	0	5	
	Complementary counter 5 totalizer stored at month - 14	84 C7 80 40,co co,xx xx xx xx	10	B, 32 bits		14	0	5	
	Complementary counter 5 totalizer stored at month - 15	C4 C7 80 40,co co,xx xx xx xx	10	B, 32 bits		15	0	5	
	Complementary counter 5 totalizer stored at month - 16	84 C8 80 40,co co,xx xx xx xx	10	B, 32 bits		16	0	5	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 5 totalizer stored at month - 17	C4 C8 80 40,co co,xx xx xx xx	10	B, 32 bits		17	0	5	
	Complementary counter 5 totalizer stored at month - 18	84 C9 80 40,co co,xx xx xx xx	10	B, 32 bits		18	0	5	
	Complementary counter 5 totalizer stored at month - 19	C4 C9 80 40,co co,xx xx xx xx	10	B, 32 bits		19	0	5	
	Complementary counter 5 totalizer stored at month - 20	84 CA 80 40,co co,xx xx xx xx	10	B, 32 bits		20	0	5	
	Complementary counter 5 totalizer stored at month - 21	C4 CA 80 40,co co,xx xx xx xx	10	B, 32 bits		21	0	5	
	Complementary counter 5 totalizer stored at month - 22	84 CB 80 40,co co,xx xx xx xx	10	B, 32 bits		22	0	5	
	Complementary counter 5 totalizer stored at month - 23	C4 CB 80 40,co co,xx xx xx xx	10	B, 32 bits		23	0	5	
	Complementary counter 5 totalizer stored at month - 24	84 CC 80 40,co co,xx xx xx xx	10	B, 32 bits		24	0	5	
	Complementary counter 5 totalizer stored at month - 25	C4 CC 80 40,co co,xx xx xx xx	10	B, 32 bits		25	0	5	
	Complementary counter 5 totalizer stored at month - 26	84 CD 80 40,co co,xx xx xx xx	10	B, 32 bits		26	0	5	
	Complementary counter 5 totalizer stored at month - 27	C4 CD 80 40,co co,xx xx xx xx	10	B, 32 bits		27	0	5	
	Complementary counter 5 totalizer stored at month - 28	84 CE 80 40,co co,xx xx xx xx	10	B, 32 bits		28	0	5	
	Complementary counter 5 totalizer stored at month - 29	C4 CE 80 40,co co,xx xx xx xx	10	B, 32 bits		29	0	5	
	Complementary counter 5 totalizer stored at month - 30	84 CF 80 40,co co,xx xx xx xx	10	B, 32 bits		30	0	5	
	Complementary counter 5 totalizer stored at month - 31	C4 CF 80 40,co co,xx xx xx xx	10	B, 32 bits		31	0	5	
	Complementary counter 5 totalizer stored at month - 32	84 C0 80 41,co co,xx xx xx xx	10	B, 32 bits		32	0	5	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 totalizer stored at month - 1	C4 80 C0 40,co co,xx xx xx xx	10	B, 32 bits		1	0	6	
	Complementary counter 6 totalizer stored at month - 2	84 81 C0 40,co co,xx xx xx xx	10	B, 32 bits		2	0	6	
	Complementary counter 6 totalizer stored at month - 3	C4 81 C0 40,co co,xx xx xx xx	10	B, 32 bits		3	0	6	
	Complementary counter 6 totalizer stored at month - 4	84 82 C0 40,co co,xx xx xx xx	10	B, 32 bits		4	0	6	
	Complementary counter 6 totalizer stored at month - 5	C4 82 C0 40,co co,xx xx xx xx	10	B, 32 bits		5	0	6	
	Complementary counter 6 totalizer stored at month - 6	84 83 C0 40,co co,xx xx xx xx	10	B, 32 bits		6	0	6	
	Complementary counter 6 totalizer stored at month - 7	C4 83 C0 40,co co,xx xx xx xx	10	B, 32 bits		7	0	6	
	Complementary counter 6 totalizer stored at month - 8	84 84 C0 40,co co,xx xx xx xx	10	B, 32 bits		8	0	6	
	Complementary counter 6 totalizer stored at month - 9	C4 84 C0 40,co co,xx xx xx xx	10	B, 32 bits		9	0	6	
	Complementary counter 6 totalizer stored at month - 10	84 85 C0 40,co co,xx xx xx xx	10	B, 32 bits		10	0	6	
	Complementary counter 6 totalizer stored at month - 11	C4 85 C0 40,co co,xx xx xx xx	10	B, 32 bits		11	0	6	
	Complementary counter 6 totalizer stored at month - 12	84 86 C0 40,co co,xx xx xx xx	10	B, 32 bits		12	0	6	
	Complementary counter 6 totalizer stored at month - 13	C4 86 C0 40,co co,xx xx xx xx	10	B, 32 bits		13	0	6	
	Complementary counter 6 totalizer stored at month - 14	84 87 C0 40,co co,xx xx xx xx	10	B, 32 bits		14	0	6	
	Complementary counter 6 totalizer stored at month - 15	C4 87 C0 40,co co,xx xx xx xx	10	B, 32 bits		15	0	6	
	Complementary counter 6 totalizer stored at month - 16	84 88 C0 40,co co,xx xx xx xx	10	B, 32 bits		16	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 6 totalizer stored at month - 17	C4 88 C0 40,co co,xx xx xx xx	10	B, 32 bits		17	0	6	
	Complementary counter 6 totalizer stored at month - 18	84 89 C0 40,co co,xx xx xx xx	10	B, 32 bits		18	0	6	
	Complementary counter 6 totalizer stored at month - 19	C4 89 C0 40,co co,xx xx xx xx	10	B, 32 bits		19	0	6	
	Complementary counter 6 totalizer stored at month - 20	84 8A C0 40,co co,xx xx xx xx	10	B, 32 bits		20	0	6	
	Complementary counter 6 totalizer stored at month - 21	C4 8A C0 40,co co,xx xx xx xx	10	B, 32 bits		21	0	6	
	Complementary counter 6 totalizer stored at month - 22	84 8B C0 40,co co,xx xx xx xx	10	B, 32 bits		22	0	6	
	Complementary counter 6 totalizer stored at month - 23	C4 8B C0 40,co co,xx xx xx xx	10	B, 32 bits		23	0	6	
	Complementary counter 6 totalizer stored at month - 24	84 8C C0 40,co co,xx xx xx xx	10	B, 32 bits		24	0	6	
	Complementary counter 6 totalizer stored at month - 25	C4 8C C0 40,co co,xx xx xx xx	10	B, 32 bits		25	0	6	
	Complementary counter 6 totalizer stored at month - 26	84 8D C0 40,co co,xx xx xx xx	10	B, 32 bits		26	0	6	
	Complementary counter 6 totalizer stored at month - 27	C4 8D C0 40,co co,xx xx xx xx	10	B, 32 bits		27	0	6	
	Complementary counter 6 totalizer stored at month - 28	84 8E C0 40,co co,xx xx xx xx	10	B, 32 bits		28	0	6	
	Complementary counter 6 totalizer stored at month - 29	C4 8E C0 40,co co,xx xx xx xx	10	B, 32 bits		29	0	6	
	Complementary counter 6 totalizer stored at month - 30	84 8F C0 40,co co,xx xx xx xx	10	B, 32 bits		30	0	6	
	Complementary counter 6 totalizer stored at month - 31	C4 8F C0 40,co co,xx xx xx xx	10	B, 32 bits		31	0	6	
	Complementary counter 6 totalizer stored at month - 32	84 80 C0 41,co co,xx xx xx xx	10	B, 32 bits		32	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Power average stored at - 1	C5 89 01,2B,xx xx xx xx	8	H, 32 bits	0	51	0	0	Power ; 1W
	Power average stored at - 2	85 8A 01,2B,xx xx xx xx	8	H, 32 bits	0	52	0	0	Power ; 1W
	Power average stored at - 3	C5 8A 01,2B,xx xx xx xx	8	H, 32 bits	0	53	0	0	Power ; 1W
	Power average stored at - 4	85 8B 01,2B,xx xx xx xx	8	H, 32 bits	0	54	0	0	Power ; 1W
	Power average stored at - 5	C5 8B 01,2B,xx xx xx xx	8	H, 32 bits	0	55	0	0	Power ; 1W
	Power average stored at - 6	85 8C 01,2B,xx xx xx xx	8	H, 32 bits	0	56	0	0	Power ; 1W
	Power average stored at - 7	C5 8C 01,2B,xx xx xx xx	8	H, 32 bits	0	57	0	0	Power ; 1W
	Power average stored at - 8	85 8D 01,2B,xx xx xx xx	8	H, 32 bits	0	58	0	0	Power ; 1W
	Power average stored at - 9	C5 8D 01,2B,xx xx xx xx	8	H, 32 bits	0	59	0	0	Power ; 1W
	Power average stored at - 10	85 8E 01,2B,xx xx xx xx	8	H, 32 bits	0	60	0	0	Power ; 1W
	Power average stored at - 11	C5 8E 01,2B,xx xx xx xx	8	H, 32 bits	0	61	0	0	Power ; 1W
	Power average stored at - 12	85 8F 01,2B,xx xx xx xx	8	H, 32 bits	0	62	0	0	Power ; 1W
	Power average stored at - 13	C5 8F 01,2B,xx xx xx xx	8	H, 32 bits	0	63	0	0	Power ; 1W
	Power average stored at - 14	85 80 02,2B,xx xx xx xx	8	H, 32 bits	0	64	0	0	Power ; 1W
	Power average stored at - 15	C5 80 02,2B,xx xx xx xx	8	H, 32 bits	0	65	0	0	Power ; 1W
	Power average stored at - 16	85 81 02,2B,xx xx xx xx	8	H, 32 bits	0	66	0	0	Power ; 1W
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Power average stored at - 17	C5 81 02,2B,xx xx xx xx	8	H, 32 bits	0	67	0	0	Power ; 1W
	Power average stored at - 18	85 82 02,2B,xx xx xx xx	8	H, 32 bits	0	68	0	0	Power ; 1W
	Power average stored at - 19	C5 82 02,2B,xx xx xx xx	8	H, 32 bits	0	69	0	0	Power ; 1W
	Power average stored at - 20	85 83 02,2B,xx xx xx xx	8	H, 32 bits	0	70	0	0	Power ; 1W
	Power average stored at - 21	C5 83 02,2B,xx xx xx xx	8	H, 32 bits	0	71	0	0	Power ; 1W
	Power average stored at - 22	85 84 02,2B,xx xx xx xx	8	H, 32 bits	0	72	0	0	Power ; 1W
	Power average stored at - 23	C5 84 02,2B,xx xx xx xx	8	H, 32 bits	0	73	0	0	Power ; 1W
	Power average stored at - 24	85 85 02,2B,xx xx xx xx	8	H, 32 bits	0	74	0	0	Power ; 1W
	Power average stored at - 25	C5 85 02,2B,xx xx xx xx	8	H, 32 bits	0	75	0	0	Power ; 1W
	Power average stored at - 26	85 86 02,2B,xx xx xx xx	8	H, 32 bits	0	76	0	0	Power ; 1W
	Power average stored at - 27	C5 86 02,2B,xx xx xx xx	8	H, 32 bits	0	77	0	0	Power ; 1W
	Power average stored at - 28	85 87 02,2B,xx xx xx xx	8	H, 32 bits	0	78	0	0	Power ; 1W
	Power average stored at - 29	C5 87 02,2B,xx xx xx xx	8	H, 32 bits	0	79	0	0	Power ; 1W
	Power average stored at - 30	85 88 02,2B,xx xx xx xx	8	H, 32 bits	0	80	0	0	Power ; 1W
	Power average stored at - 31	C5 88 02,2B,xx xx xx xx	8	H, 32 bits	0	81	0	0	Power ; 1W
	Power average stored at - 32	85 89 02,2B,xx xx xx xx	8	H, 32 bits	0	82	0	0	Power ; 1W
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Flow average stored at - 1	C5 89 01,3E,xx xx xx xx	8	H, 32 bits	0	51	0	0	
	Flow average stored at - 2	85 8A 01,3E,xx xx xx xx	8	H, 32 bits	0	52	0	0	
	Flow average stored at - 3	C5 8A 01,3E,xx xx xx xx	8	H, 32 bits	0	53	0	0	
	Flow average stored at - 4	85 8B 01,3E,xx xx xx xx	8	H, 32 bits	0	54	0	0	
	Flow average stored at - 5	C5 8B 01,3E,xx xx xx xx	8	H, 32 bits	0	55	0	0	
	Flow average stored at - 6	85 8C 01,3E,xx xx xx xx	8	H, 32 bits	0	56	0	0	
	Flow average stored at - 7	C5 8C 01,3E,xx xx xx xx	8	H, 32 bits	0	57	0	0	
	Flow average stored at - 8	85 8D 01,3E,xx xx xx xx	8	H, 32 bits	0	58	0	0	
	Flow average stored at - 9	C5 8D 01,3E,xx xx xx xx	8	H, 32 bits	0	59	0	0	
	Flow average stored at - 10	85 8E 01,3E,xx xx xx xx	8	H, 32 bits	0	60	0	0	
	Flow average stored at - 11	C5 8E 01,3E,xx xx xx xx	8	H, 32 bits	0	61	0	0	
	Flow average stored at - 12	85 8F 01,3E,xx xx xx xx	8	H, 32 bits	0	62	0	0	
	Flow average stored at - 13	C5 8F 01,3E,xx xx xx xx	8	H, 32 bits	0	63	0	0	
	Flow average stored at - 14	85 80 02,3E,xx xx xx xx	8	H, 32 bits	0	64	0	0	
	Flow average stored at - 15	C5 80 02,3E,xx xx xx xx	8	H, 32 bits	0	65	0	0	
	Flow average stored at - 16	85 81 02,3E,xx xx xx xx	8	H, 32 bits	0	66	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Flow average stored at - 17	C5 81 02,3E,xx xx xx xx	8	H, 32 bits	0	67	0	0	
	Flow average stored at - 18	85 82 02,3E,xx xx xx xx	8	H, 32 bits	0	68	0	0	
	Flow average stored at - 19	C5 82 02,3E,xx xx xx xx	8	H, 32 bits	0	69	0	0	
	Flow average stored at - 20	85 83 02,3E,xx xx xx xx	8	H, 32 bits	0	70	0	0	
	Flow average stored at - 21	C5 83 02,3E,xx xx xx xx	8	H, 32 bits	0	71	0	0	
	Flow average stored at - 22	85 84 02,3E,xx xx xx xx	8	H, 32 bits	0	72	0	0	
	Flow average stored at - 23	C5 84 02,3E,xx xx xx xx	8	H, 32 bits	0	73	0	0	
	Flow average stored at - 24	85 85 02,3E,xx xx xx xx	8	H, 32 bits	0	74	0	0	
	Flow average stored at - 25	C5 85 02,3E,xx xx xx xx	8	H, 32 bits	0	75	0	0	
	Flow average stored at - 26	85 86 02,3E,xx xx xx xx	8	H, 32 bits	0	76	0	0	
	Flow average stored at - 27	C5 86 02,3E,xx xx xx xx	8	H, 32 bits	0	77	0	0	
	Flow average stored at - 28	85 87 02,3E,xx xx xx xx	8	H, 32 bits	0	78	0	0	
	Flow average stored at - 29	C5 87 02,3E,xx xx xx xx	8	H, 32 bits	0	79	0	0	
	Flow average stored at - 30	85 88 02,3E,xx xx xx xx	8	H, 32 bits	0	80	0	0	
	Flow average stored at - 31	C5 88 02,3E,xx xx xx xx	8	H, 32 bits	0	81	0	0	
	Flow average stored at - 32	85 89 02,3E,xx xx xx xx	8	H, 32 bits	0	82	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Temperature high average stored at - 1	C5 89 01,5B,xx xx xx xx	8	H, 32 bits	0	51	0	0	
	Temperature high average stored at - 2	85 8A 01,5B,xx xx xx xx	8	H, 32 bits	0	52	0	0	
	Temperature high average stored at - 3	C5 8A 01,5B,xx xx xx xx	8	H, 32 bits	0	53	0	0	
	Temperature high average stored at - 4	85 8B 01,5B,xx xx xx xx	8	H, 32 bits	0	54	0	0	
	Temperature high average stored at - 5	C5 8B 01,5B,xx xx xx xx	8	H, 32 bits	0	55	0	0	
	Temperature high average stored at - 6	85 8C 01,5B,xx xx xx xx	8	H, 32 bits	0	56	0	0	
	Temperature high average stored at - 7	C5 8C 01,5B,xx xx xx xx	8	H, 32 bits	0	57	0	0	
	Temperature high average stored at - 8	85 8D 01,5B,xx xx xx xx	8	H, 32 bits	0	58	0	0	
	Temperature high average stored at - 9	C5 8D 01,5B,xx xx xx xx	8	H, 32 bits	0	59	0	0	
	Temperature high average stored at - 10	85 8E 01,5B,xx xx xx xx	8	H, 32 bits	0	60	0	0	
	Temperature high average stored at - 11	C5 8E 01,5B,xx xx xx xx	8	H, 32 bits	0	61	0	0	
	Temperature high average stored at - 12	85 8F 01,5B,xx xx xx xx	8	H, 32 bits	0	62	0	0	
	Temperature high average stored at - 13	C5 8F 01,5B,xx xx xx xx	8	H, 32 bits	0	63	0	0	
	Temperature high average stored at - 14	85 80 02,5B,xx xx xx xx	8	H, 32 bits	0	64	0	0	
	Temperature high average stored at - 15	C5 80 02,5B,xx xx xx xx	8	H, 32 bits	0	65	0	0	
	Temperature high average stored at - 16	85 81 02,5B,xx xx xx xx	8	H, 32 bits	0	66	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*Dev*	*Value Info*
	Temperature high average stored at - 17	C5 81 02,5B,xx xx xx xx	8	H, 32 bits	0	67	0	0	
	Temperature high average stored at - 18	85 82 02,5B,xx xx xx xx	8	H, 32 bits	0	68	0	0	
	Temperature high average stored at - 19	C5 82 02,5B,xx xx xx xx	8	H, 32 bits	0	69	0	0	
	Temperature high average stored at - 20	85 83 02,5B,xx xx xx xx	8	H, 32 bits	0	70	0	0	
	Temperature high average stored at - 21	C5 83 02,5B,xx xx xx xx	8	H, 32 bits	0	71	0	0	
	Temperature high average stored at - 22	85 84 02,5B,xx xx xx xx	8	H, 32 bits	0	72	0	0	
	Temperature high average stored at - 23	C5 84 02,5B,xx xx xx xx	8	H, 32 bits	0	73	0	0	
	Temperature high average stored at - 24	85 85 02,5B,xx xx xx xx	8	H, 32 bits	0	74	0	0	
	Temperature high average stored at - 25	C5 85 02,5B,xx xx xx xx	8	H, 32 bits	0	75	0	0	
	Temperature high average stored at - 26	85 86 02,5B,xx xx xx xx	8	H, 32 bits	0	76	0	0	
	Temperature high average stored at - 27	C5 86 02,5B,xx xx xx xx	8	H, 32 bits	0	77	0	0	
	Temperature high average stored at - 28	85 87 02,5B,xx xx xx xx	8	H, 32 bits	0	78	0	0	
	Temperature high average stored at - 29	C5 87 02,5B,xx xx xx xx	8	H, 32 bits	0	79	0	0	
	Temperature high average stored at - 30	85 88 02,5B,xx xx xx xx	8	H, 32 bits	0	80	0	0	
	Temperature high average stored at - 31	C5 88 02,5B,xx xx xx xx	8	H, 32 bits	0	81	0	0	
	Temperature high average stored at - 32	85 89 02,5B,xx xx xx xx	8	H, 32 bits	0	82	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Temperature low average stored at - 1	C5 89 01,5F,xx xx xx xx	8	H, 32 bits	0	51	0	0	
	Temperature low average stored at - 2	85 8A 01,5F,xx xx xx xx	8	H, 32 bits	0	52	0	0	
	Temperature low average stored at - 3	C5 8A 01,5F,xx xx xx xx	8	H, 32 bits	0	53	0	0	
	Temperature low average stored at - 4	85 8B 01,5F,xx xx xx xx	8	H, 32 bits	0	54	0	0	
	Temperature low average stored at - 5	C5 8B 01,5F,xx xx xx xx	8	H, 32 bits	0	55	0	0	
	Temperature low average stored at - 6	85 8C 01,5F,xx xx xx xx	8	H, 32 bits	0	56	0	0	
	Temperature low average stored at - 7	C5 8C 01,5F,xx xx xx xx	8	H, 32 bits	0	57	0	0	
	Temperature low average stored at - 8	85 8D 01,5F,xx xx xx xx	8	H, 32 bits	0	58	0	0	
	Temperature low average stored at - 9	C5 8D 01,5F,xx xx xx xx	8	H, 32 bits	0	59	0	0	
	Temperature low average stored at - 10	85 8E 01,5F,xx xx xx xx	8	H, 32 bits	0	60	0	0	
	Temperature low average stored at - 11	C5 8E 01,5F,xx xx xx xx	8	H, 32 bits	0	61	0	0	
	Temperature low average stored at - 12	85 8F 01,5F,xx xx xx xx	8	H, 32 bits	0	62	0	0	
	Temperature low average stored at - 13	C5 8F 01,5F,xx xx xx xx	8	H, 32 bits	0	63	0	0	
	Temperature low average stored at - 14	85 80 02,5F,xx xx xx xx	8	H, 32 bits	0	64	0	0	
	Temperature low average stored at - 15	C5 80 02,5F,xx xx xx xx	8	H, 32 bits	0	65	0	0	
	Temperature low average stored at - 16	85 81 02,5F,xx xx xx xx	8	H, 32 bits	0	66	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fu*	*Sto*	*Tar*	*De*	*Value Info*
	Temperature low average stored at - 17	C5 81 02,5F,xx xx xx xx	8	H, 32 bits	0	67	0	0	
	Temperature low average stored at - 18	85 82 02,5F,xx xx xx xx	8	H, 32 bits	0	68	0	0	
	Temperature low average stored at - 19	C5 82 02,5F,xx xx xx xx	8	H, 32 bits	0	69	0	0	
	Temperature low average stored at - 20	85 83 02,5F,xx xx xx xx	8	H, 32 bits	0	70	0	0	
	Temperature low average stored at - 21	C5 83 02,5F,xx xx xx xx	8	H, 32 bits	0	71	0	0	
	Temperature low average stored at - 22	85 84 02,5F,xx xx xx xx	8	H, 32 bits	0	72	0	0	
	Temperature low average stored at - 23	C5 84 02,5F,xx xx xx xx	8	H, 32 bits	0	73	0	0	
	Temperature low average stored at - 24	85 85 02,5F,xx xx xx xx	8	H, 32 bits	0	74	0	0	
	Temperature low average stored at - 25	C5 85 02,5F,xx xx xx xx	8	H, 32 bits	0	75	0	0	
	Temperature low average stored at - 26	85 86 02,5F,xx xx xx xx	8	H, 32 bits	0	76	0	0	
	Temperature low average stored at - 27	C5 86 02,5F,xx xx xx xx	8	H, 32 bits	0	77	0	0	
	Temperature low average stored at - 28	85 87 02,5F,xx xx xx xx	8	H, 32 bits	0	78	0	0	
	Temperature low average stored at - 29	C5 87 02,5F,xx xx xx xx	8	H, 32 bits	0	79	0	0	
	Temperature low average stored at - 30	85 88 02,5F,xx xx xx xx	8	H, 32 bits	0	80	0	0	
	Temperature low average stored at - 31	C5 88 02,5F,xx xx xx xx	8	H, 32 bits	0	81	0	0	
	Temperature low average stored at - 32	85 89 02,5F,xx xx xx xx	8	H, 32 bits	0	82	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Delta temperature average stored at - 1	C5 89 01,63,xx xx xx xx	8	H, 32 bits	0	51	0	0	Temperature difference; 1K
	Delta temperature average stored at - 2	85 8A 01,63,xx xx xx xx	8	H, 32 bits	0	52	0	0	Temperature difference; 1K
	Delta temperature average stored at - 3	C5 8A 01,63,xx xx xx xx	8	H, 32 bits	0	53	0	0	Temperature difference; 1K
	Delta temperature average stored at - 4	85 8B 01,63,xx xx xx xx	8	H, 32 bits	0	54	0	0	Temperature difference; 1K
	Delta temperature average stored at - 5	C5 8B 01,63,xx xx xx xx	8	H, 32 bits	0	55	0	0	Temperature difference; 1K
	Delta temperature average stored at - 6	85 8C 01,63,xx xx xx xx	8	H, 32 bits	0	56	0	0	Temperature difference; 1K
	Delta temperature average stored at - 7	C5 8C 01,63,xx xx xx xx	8	H, 32 bits	0	57	0	0	Temperature difference; 1K
	Delta temperature average stored at - 8	85 8D 01,63,xx xx xx xx	8	H, 32 bits	0	58	0	0	Temperature difference; 1K
	Delta temperature average stored at - 9	C5 8D 01,63,xx xx xx xx	8	H, 32 bits	0	59	0	0	Temperature difference; 1K
	Delta temperature average stored at - 10	85 8E 01,63,xx xx xx xx	8	H, 32 bits	0	60	0	0	Temperature difference; 1K
	Delta temperature average stored at - 11	C5 8E 01,63,xx xx xx xx	8	H, 32 bits	0	61	0	0	Temperature difference; 1K
	Delta temperature average stored at - 12	85 8F 01,63,xx xx xx xx	8	H, 32 bits	0	62	0	0	Temperature difference; 1K
	Delta temperature average stored at - 13	C5 8F 01,63,xx xx xx xx	8	H, 32 bits	0	63	0	0	Temperature difference; 1K
	Delta temperature average stored at - 14	85 80 02,63,xx xx xx xx	8	H, 32 bits	0	64	0	0	Temperature difference; 1K
	Delta temperature average stored at - 15	C5 80 02,63,xx xx xx xx	8	H, 32 bits	0	65	0	0	Temperature difference; 1K
	Delta temperature average stored at - 16	85 81 02,63,xx xx xx xx	8	H, 32 bits	0	66	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Delta temperature average stored at - 17	C5 81 02,63,xx xx xx xx	8	H, 32 bits	0	67	0	0	Temperature difference; 1K
	Delta temperature average stored at - 18	85 82 02,63,xx xx xx xx	8	H, 32 bits	0	68	0	0	Temperature difference; 1K
	Delta temperature average stored at - 19	C5 82 02,63,xx xx xx xx	8	H, 32 bits	0	69	0	0	Temperature difference; 1K
	Delta temperature average stored at - 20	85 83 02,63,xx xx xx xx	8	H, 32 bits	0	70	0	0	Temperature difference; 1K
	Delta temperature average stored at - 21	C5 83 02,63,xx xx xx xx	8	H, 32 bits	0	71	0	0	Temperature difference; 1K
	Delta temperature average stored at - 22	85 84 02,63,xx xx xx xx	8	H, 32 bits	0	72	0	0	Temperature difference; 1K
	Delta temperature average stored at - 23	C5 84 02,63,xx xx xx xx	8	H, 32 bits	0	73	0	0	Temperature difference; 1K
	Delta temperature average stored at - 24	85 85 02,63,xx xx xx xx	8	H, 32 bits	0	74	0	0	Temperature difference; 1K
	Delta temperature average stored at - 25	C5 85 02,63,xx xx xx xx	8	H, 32 bits	0	75	0	0	Temperature difference; 1K
	Delta temperature average stored at - 26	85 86 02,63,xx xx xx xx	8	H, 32 bits	0	76	0	0	Temperature difference; 1K
	Delta temperature average stored at - 27	C5 86 02,63,xx xx xx xx	8	H, 32 bits	0	77	0	0	Temperature difference; 1K
	Delta temperature average stored at - 28	85 87 02,63,xx xx xx xx	8	H, 32 bits	0	78	0	0	Temperature difference; 1K
	Delta temperature average stored at - 29	C5 87 02,63,xx xx xx xx	8	H, 32 bits	0	79	0	0	Temperature difference; 1K
	Delta temperature average stored at - 30	85 88 02,63,xx xx xx xx	8	H, 32 bits	0	80	0	0	Temperature difference; 1K
	Delta temperature average stored at - 31	C5 88 02,63,xx xx xx xx	8	H, 32 bits	0	81	0	0	Temperature difference; 1K
	Delta temperature average stored at - 32	85 89 02,63,xx xx xx xx	8	H, 32 bits	0	82	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 average stored at - 1	C5 C9 01,ci ci,xx xx xx xx	9	H, 32 bits	0	51	0	1	
	Complementary counter 1 average stored at - 2	85 CA 01,ci ci,xx xx xx xx	9	H, 32 bits	0	52	0	1	
	Complementary counter 1 average stored at - 3	C5 CA 01,ci ci,xx xx xx xx	9	H, 32 bits	0	53	0	1	
	Complementary counter 1 average stored at - 4	85 CB 01,ci ci,xx xx xx xx	9	H, 32 bits	0	54	0	1	
	Complementary counter 1 average stored at - 5	C5 CB 01,ci ci,xx xx xx xx	9	H, 32 bits	0	55	0	1	
	Complementary counter 1 average stored at - 6	85 CC 01,ci ci,xx xx xx xx	9	H, 32 bits	0	56	0	1	
	Complementary counter 1 average stored at - 7	C5 CC 01,ci ci,xx xx xx xx	9	H, 32 bits	0	57	0	1	
	Complementary counter 1 average stored at - 8	85 CD 01,ci ci,xx xx xx xx	9	H, 32 bits	0	58	0	1	
	Complementary counter 1 average stored at - 9	C5 CD 01,ci ci,xx xx xx xx	9	H, 32 bits	0	59	0	1	
	Complementary counter 1 average stored at - 10	85 CE 01,ci ci,xx xx xx xx	9	H, 32 bits	0	60	0	1	
	Complementary counter 1 average stored at - 11	C5 CE 01,ci ci,xx xx xx xx	9	H, 32 bits	0	61	0	1	
	Complementary counter 1 average stored at - 12	85 CF 01,ci ci,xx xx xx xx	9	H, 32 bits	0	62	0	1	
	Complementary counter 1 average stored at - 13	C5 CF 01,ci ci,xx xx xx xx	9	H, 32 bits	0	63	0	1	
	Complementary counter 1 average stored at - 14	85 C0 02,ci ci,xx xx xx xx	9	H, 32 bits	0	64	0	1	
	Complementary counter 1 average stored at - 15	C5 C0 02,ci ci,xx xx xx xx	9	H, 32 bits	0	65	0	1	
	Complementary counter 1 average stored at - 16	85 C1 02,ci ci,xx xx xx xx	9	H, 32 bits	0	66	0	1	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 average stored at - 17	C5 C1 02,ci ci,xx xx xx xx	9	H, 32 bits	0	67	0	1	
	Complementary counter 1 average stored at - 18	85 C2 02,ci ci,xx xx xx xx	9	H, 32 bits	0	68	0	1	
	Complementary counter 1 average stored at - 19	C5 C2 02,ci ci,xx xx xx xx	9	H, 32 bits	0	69	0	1	
	Complementary counter 1 average stored at - 20	85 C3 02,ci ci,xx xx xx xx	9	H, 32 bits	0	70	0	1	
	Complementary counter 1 average stored at - 21	C5 C3 02,ci ci,xx xx xx xx	9	H, 32 bits	0	71	0	1	
	Complementary counter 1 average stored at - 22	85 C4 02,ci ci,xx xx xx xx	9	H, 32 bits	0	72	0	1	
	Complementary counter 1 average stored at - 23	C5 C4 02,ci ci,xx xx xx xx	9	H, 32 bits	0	73	0	1	
	Complementary counter 1 average stored at - 24	85 C5 02,ci ci,xx xx xx xx	9	H, 32 bits	0	74	0	1	
	Complementary counter 1 average stored at - 25	C5 C5 02,ci ci,xx xx xx xx	9	H, 32 bits	0	75	0	1	
	Complementary counter 1 average stored at - 26	85 C6 02,ci ci,xx xx xx xx	9	H, 32 bits	0	76	0	1	
	Complementary counter 1 average stored at - 27	C5 C6 02,ci ci,xx xx xx xx	9	H, 32 bits	0	77	0	1	
	Complementary counter 1 average stored at - 28	85 C7 02,ci ci,xx xx xx xx	9	H, 32 bits	0	78	0	1	
	Complementary counter 1 average stored at - 29	C5 C7 02,ci ci,xx xx xx xx	9	H, 32 bits	0	79	0	1	
	Complementary counter 1 average stored at - 30	85 C8 02,ci ci,xx xx xx xx	9	H, 32 bits	0	80	0	1	
	Complementary counter 1 average stored at - 31	C5 C8 02,ci ci,xx xx xx xx	9	H, 32 bits	0	81	0	1	
	Complementary counter 1 average stored at - 32	85 C9 02,ci ci,xx xx xx xx	9	H, 32 bits	0	82	0	1	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 2 average stored at - 1	C5 89 41,ci ci,xx xx xx xx	9	H, 32 bits	0	51	0	2	
	Complementary counter 2 average stored at - 2	85 8A 41,ci ci,xx xx xx xx	9	H, 32 bits	0	52	0	2	
	Complementary counter 2 average stored at - 3	C5 8A 41,ci ci,xx xx xx xx	9	H, 32 bits	0	53	0	2	
	Complementary counter 2 average stored at - 4	85 8B 41,ci ci,xx xx xx xx	9	H, 32 bits	0	54	0	2	
	Complementary counter 2 average stored at - 5	C5 8B 41,ci ci,xx xx xx xx	9	H, 32 bits	0	55	0	2	
	Complementary counter 2 average stored at - 6	85 8C 41,ci ci,xx xx xx xx	9	H, 32 bits	0	56	0	2	
	Complementary counter 2 average stored at - 7	C5 8C 41,ci ci,xx xx xx xx	9	H, 32 bits	0	57	0	2	
	Complementary counter 2 average stored at - 8	85 8D 41,ci ci,xx xx xx xx	9	H, 32 bits	0	58	0	2	
	Complementary counter 2 average stored at - 9	C5 8D 41,ci ci,xx xx xx xx	9	H, 32 bits	0	59	0	2	
	Complementary counter 2 average stored at - 10	85 8E 41,ci ci,xx xx xx xx	9	H, 32 bits	0	60	0	2	
	Complementary counter 2 average stored at - 11	C5 8E 41,ci ci,xx xx xx xx	9	H, 32 bits	0	61	0	2	
	Complementary counter 2 average stored at - 12	85 8F 41,ci ci,xx xx xx xx	9	H, 32 bits	0	62	0	2	
	Complementary counter 2 average stored at - 13	C5 8F 41,ci ci,xx xx xx xx	9	H, 32 bits	0	63	0	2	
	Complementary counter 2 average stored at - 14	85 80 42,ci ci,xx xx xx xx	9	H, 32 bits	0	64	0	2	
	Complementary counter 2 average stored at - 15	C5 80 42,ci ci,xx xx xx xx	9	H, 32 bits	0	65	0	2	
	Complementary counter 2 average stored at - 16	85 81 42,ci ci,xx xx xx xx	9	H, 32 bits	0	66	0	2	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 2 average stored at - 17	C5 81 42,ci ci,xx xx xx xx	9	H, 32 bits	0	67	0	2	
	Complementary counter 2 average stored at - 18	85 82 42,ci ci,xx xx xx xx	9	H, 32 bits	0	68	0	2	
	Complementary counter 2 average stored at - 19	C5 82 42,ci ci,xx xx xx xx	9	H, 32 bits	0	69	0	2	
	Complementary counter 2 average stored at - 20	85 83 42,ci ci,xx xx xx xx	9	H, 32 bits	0	70	0	2	
	Complementary counter 2 average stored at - 21	C5 83 42,ci ci,xx xx xx xx	9	H, 32 bits	0	71	0	2	
	Complementary counter 2 average stored at - 22	85 84 42,ci ci,xx xx xx xx	9	H, 32 bits	0	72	0	2	
	Complementary counter 2 average stored at - 23	C5 84 42,ci ci,xx xx xx xx	9	H, 32 bits	0	73	0	2	
	Complementary counter 2 average stored at - 24	85 85 42,ci ci,xx xx xx xx	9	H, 32 bits	0	74	0	2	
	Complementary counter 2 average stored at - 25	C5 85 42,ci ci,xx xx xx xx	9	H, 32 bits	0	75	0	2	
	Complementary counter 2 average stored at - 26	85 86 42,ci ci,xx xx xx xx	9	H, 32 bits	0	76	0	2	
	Complementary counter 2 average stored at - 27	C5 86 42,ci ci,xx xx xx xx	9	H, 32 bits	0	77	0	2	
	Complementary counter 2 average stored at - 28	85 87 42,ci ci,xx xx xx xx	9	H, 32 bits	0	78	0	2	
	Complementary counter 2 average stored at - 29	C5 87 42,ci ci,xx xx xx xx	9	H, 32 bits	0	79	0	2	
	Complementary counter 2 average stored at - 30	85 88 42,ci ci,xx xx xx xx	9	H, 32 bits	0	80	0	2	
	Complementary counter 2 average stored at - 31	C5 88 42,ci ci,xx xx xx xx	9	H, 32 bits	0	81	0	2	
	Complementary counter 2 average stored at - 32	85 89 42,ci ci,xx xx xx xx	9	H, 32 bits	0	82	0	2	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 average stored at - 1	C5 C9 41,ci ci,xx xx xx xx	9	H, 32 bits	0	51	0	3	
	Complementary counter 3 average stored at - 2	85 CA 41,ci ci,xx xx xx xx	9	H, 32 bits	0	52	0	3	
	Complementary counter 3 average stored at - 3	C5 CA 41,ci ci,xx xx xx xx	9	H, 32 bits	0	53	0	3	
	Complementary counter 3 average stored at - 4	85 CB 41,ci ci,xx xx xx xx	9	H, 32 bits	0	54	0	3	
	Complementary counter 3 average stored at - 5	C5 CB 41,ci ci,xx xx xx xx	9	H, 32 bits	0	55	0	3	
	Complementary counter 3 average stored at - 6	85 CC 41,ci ci,xx xx xx xx	9	H, 32 bits	0	56	0	3	
	Complementary counter 3 average stored at - 7	C5 CC 41,ci ci,xx xx xx xx	9	H, 32 bits	0	57	0	3	
	Complementary counter 3 average stored at - 8	85 CD 41,ci ci,xx xx xx xx	9	H, 32 bits	0	58	0	3	
	Complementary counter 3 average stored at - 9	C5 CD 41,ci ci,xx xx xx xx	9	H, 32 bits	0	59	0	3	
	Complementary counter 3 average stored at - 10	85 CE 41,ci ci,xx xx xx xx	9	H, 32 bits	0	60	0	3	
	Complementary counter 3 average stored at - 11	C5 CE 41,ci ci,xx xx xx xx	9	H, 32 bits	0	61	0	3	
	Complementary counter 3 average stored at - 12	85 CF 41,ci ci,xx xx xx xx	9	H, 32 bits	0	62	0	3	
	Complementary counter 3 average stored at - 13	C5 CF 41,ci ci,xx xx xx xx	9	H, 32 bits	0	63	0	3	
	Complementary counter 3 average stored at - 14	85 C0 42,ci ci,xx xx xx xx	9	H, 32 bits	0	64	0	3	
	Complementary counter 3 average stored at - 15	C5 C0 42,ci ci,xx xx xx xx	9	H, 32 bits	0	65	0	3	
	Complementary counter 3 average stored at - 16	85 C1 42,ci ci,xx xx xx xx	9	H, 32 bits	0	66	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 average stored at - 17	C5 C1 42,ci ci,xx xx xx xx	9	H, 32 bits	0	67	0	3	
	Complementary counter 3 average stored at - 18	85 C2 42,ci ci,xx xx xx xx	9	H, 32 bits	0	68	0	3	
	Complementary counter 3 average stored at - 19	C5 C2 42,ci ci,xx xx xx xx	9	H, 32 bits	0	69	0	3	
	Complementary counter 3 average stored at - 20	85 C3 42,ci ci,xx xx xx xx	9	H, 32 bits	0	70	0	3	
	Complementary counter 3 average stored at - 21	C5 C3 42,ci ci,xx xx xx xx	9	H, 32 bits	0	71	0	3	
	Complementary counter 3 average stored at - 22	85 C4 42,ci ci,xx xx xx xx	9	H, 32 bits	0	72	0	3	
	Complementary counter 3 average stored at - 23	C5 C4 42,ci ci,xx xx xx xx	9	H, 32 bits	0	73	0	3	
	Complementary counter 3 average stored at - 24	85 C5 42,ci ci,xx xx xx xx	9	H, 32 bits	0	74	0	3	
	Complementary counter 3 average stored at - 25	C5 C5 42,ci ci,xx xx xx xx	9	H, 32 bits	0	75	0	3	
	Complementary counter 3 average stored at - 26	85 C6 42,ci ci,xx xx xx xx	9	H, 32 bits	0	76	0	3	
	Complementary counter 3 average stored at - 27	C5 C6 42,ci ci,xx xx xx xx	9	H, 32 bits	0	77	0	3	
	Complementary counter 3 average stored at - 28	85 C7 42,ci ci,xx xx xx xx	9	H, 32 bits	0	78	0	3	
	Complementary counter 3 average stored at - 29	C5 C7 42,ci ci,xx xx xx xx	9	H, 32 bits	0	79	0	3	
	Complementary counter 3 average stored at - 30	85 C8 42,ci ci,xx xx xx xx	9	H, 32 bits	0	80	0	3	
	Complementary counter 3 average stored at - 31	C5 C8 42,ci ci,xx xx xx xx	9	H, 32 bits	0	81	0	3	
	Complementary counter 3 average stored at - 32	85 C9 42,ci ci,xx xx xx xx	9	H, 32 bits	0	82	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fu*	*Std*	*Tar*	*De*	*Value Info*
	Complementary counter 4 average stored at - 1	C5 89 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	51	0	4	
	Complementary counter 4 average stored at - 2	85 8A 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	52	0	4	
	Complementary counter 4 average stored at - 3	C5 8A 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	53	0	4	
	Complementary counter 4 average stored at - 4	85 8B 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	54	0	4	
	Complementary counter 4 average stored at - 5	C5 8B 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	55	0	4	
	Complementary counter 4 average stored at - 6	85 8C 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	56	0	4	
	Complementary counter 4 average stored at - 7	C5 8C 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	57	0	4	
	Complementary counter 4 average stored at - 8	85 8D 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	58	0	4	
	Complementary counter 4 average stored at - 9	C5 8D 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	59	0	4	
	Complementary counter 4 average stored at - 10	85 8E 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	60	0	4	
	Complementary counter 4 average stored at - 11	C5 8E 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	61	0	4	
	Complementary counter 4 average stored at - 12	85 8F 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	62	0	4	
	Complementary counter 4 average stored at - 13	C5 8F 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	63	0	4	
	Complementary counter 4 average stored at - 14	85 80 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	64	0	4	
	Complementary counter 4 average stored at - 15	C5 80 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	65	0	4	
	Complementary counter 4 average stored at - 16	85 81 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	66	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 4 average stored at - 17	C5 81 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	67	0	4	
	Complementary counter 4 average stored at - 18	85 82 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	68	0	4	
	Complementary counter 4 average stored at - 19	C5 82 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	69	0	4	
	Complementary counter 4 average stored at - 20	85 83 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	70	0	4	
	Complementary counter 4 average stored at - 21	C5 83 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	71	0	4	
	Complementary counter 4 average stored at - 22	85 84 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	72	0	4	
	Complementary counter 4 average stored at - 23	C5 84 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	73	0	4	
	Complementary counter 4 average stored at - 24	85 85 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	74	0	4	
	Complementary counter 4 average stored at - 25	C5 85 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	75	0	4	
	Complementary counter 4 average stored at - 26	85 86 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	76	0	4	
	Complementary counter 4 average stored at - 27	C5 86 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	77	0	4	
	Complementary counter 4 average stored at - 28	85 87 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	78	0	4	
	Complementary counter 4 average stored at - 29	C5 87 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	79	0	4	
	Complementary counter 4 average stored at - 30	85 88 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	80	0	4	
	Complementary counter 4 average stored at - 31	C5 88 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	81	0	4	
	Complementary counter 4 average stored at - 32	85 89 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	82	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes							
Header	Start, **L**ength	"68,Le Le,68"	4							
	Control	08	1	Respond with user data, RSP_UD						
	Address	xx	1							
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header			0	*Coding*						
	Identification number	xx xx xx xx	4	A, 32 bits						
	Manufacturer ID	EE 4D	2	C, 16 bits						
	Version of meter	0E	1	C, 8 bits						
	Device type	dt	1	D, 8 bits						
	Access number	xx	1	C, 8 bits						
	Status	st	1	Ds, 8 bits						
	Signature (not used)	00 00	2	C, 16 bits						
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tai*	*Dei*	*Value Info*	
	Complementary counter 5 average stored at - 1	C5 C9 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	51	0	5		
	Complementary counter 5 average stored at - 2	85 CA 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	52	0	5		
	Complementary counter 5 average stored at - 3	C5 CA 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	53	0	5		
	Complementary counter 5 average stored at - 4	85 CB 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	54	0	5		
	Complementary counter 5 average stored at - 5	C5 CB 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	55	0	5		
	Complementary counter 5 average stored at - 6	85 CC 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	56	0	5		
	Complementary counter 5 average stored at - 7	C5 CC 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	57	0	5		
	Complementary counter 5 average stored at - 8	85 CD 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	58	0	5		
	Complementary counter 5 average stored at - 9	C5 CD 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	59	0	5		
	Complementary counter 5 average stored at - 10	85 CE 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	60	0	5		
	Complementary counter 5 average stored at - 11	C5 CE 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	61	0	5		
	Complementary counter 5 average stored at - 12	85 CF 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	62	0	5		
	Complementary counter 5 average stored at - 13	C5 CF 81 40,ci ci,xx xx xx xx	10	H, 32 bits	0	63	0	5		
	Complementary counter 5 average stored at - 14	85 C0 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	64	0	5		
	Complementary counter 5 average stored at - 15	C5 C0 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	65	0	5		
	Complementary counter 5 average stored at - 16	85 C1 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	66	0	5		
	More records in next telegram	mo	1	Start of manufacturer specific data						
End	**C**heck **S**um	cs	1							
	Stop	16	1							

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 5 average stored at - 17	C5 C1 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	67	0	5	
	Complementary counter 5 average stored at - 18	85 C2 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	68	0	5	
	Complementary counter 5 average stored at - 19	C5 C2 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	69	0	5	
	Complementary counter 5 average stored at - 20	85 C3 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	70	0	5	
	Complementary counter 5 average stored at - 21	C5 C3 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	71	0	5	
	Complementary counter 5 average stored at - 22	85 C4 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	72	0	5	
	Complementary counter 5 average stored at - 23	C5 C4 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	73	0	5	
	Complementary counter 5 average stored at - 24	85 C5 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	74	0	5	
	Complementary counter 5 average stored at - 25	C5 C5 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	75	0	5	
	Complementary counter 5 average stored at - 26	85 C6 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	76	0	5	
	Complementary counter 5 average stored at - 27	C5 C6 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	77	0	5	
	Complementary counter 5 average stored at - 28	85 C7 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	78	0	5	
	Complementary counter 5 average stored at - 29	C5 C7 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	79	0	5	
	Complementary counter 5 average stored at - 30	85 C8 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	80	0	5	
	Complementary counter 5 average stored at - 31	C5 C8 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	81	0	5	
	Complementary counter 5 average stored at - 32	85 C9 82 40,ci ci,xx xx xx xx	10	H, 32 bits	0	82	0	5	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fu*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 6 average stored at - 1	C5 89 C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	51	0	6	
	Complementary counter 6 average stored at - 2	85 8A C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	52	0	6	
	Complementary counter 6 average stored at - 3	C5 8A C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	53	0	6	
	Complementary counter 6 average stored at - 4	85 8B C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	54	0	6	
	Complementary counter 6 average stored at - 5	C5 8B C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	55	0	6	
	Complementary counter 6 average stored at - 6	85 8C C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	56	0	6	
	Complementary counter 6 average stored at - 7	C5 8C C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	57	0	6	
	Complementary counter 6 average stored at - 8	85 8D C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	58	0	6	
	Complementary counter 6 average stored at - 9	C5 8D C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	59	0	6	
	Complementary counter 6 average stored at - 10	85 8E C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	60	0	6	
	Complementary counter 6 average stored at - 11	C5 8E C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	61	0	6	
	Complementary counter 6 average stored at - 12	85 8F C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	62	0	6	
	Complementary counter 6 average stored at - 13	C5 8F C1 40,ci ci,xx xx xx xx	10	H, 32 bits	0	63	0	6	
	Complementary counter 6 average stored at - 14	85 80 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	64	0	6	
	Complementary counter 6 average stored at - 15	C5 80 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	65	0	6	
	Complementary counter 6 average stored at - 16	85 81 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	66	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Sto*	*Tar*	*De*	*Value Info*
	Complementary counter 6 average stored at - 17	C5 81 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	67	0	6	
	Complementary counter 6 average stored at - 18	85 82 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	68	0	6	
	Complementary counter 6 average stored at - 19	C5 82 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	69	0	6	
	Complementary counter 6 average stored at - 20	85 83 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	70	0	6	
	Complementary counter 6 average stored at - 21	C5 83 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	71	0	6	
	Complementary counter 6 average stored at - 22	85 84 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	72	0	6	
	Complementary counter 6 average stored at - 23	C5 84 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	73	0	6	
	Complementary counter 6 average stored at - 24	85 85 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	74	0	6	
	Complementary counter 6 average stored at - 25	C5 85 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	75	0	6	
	Complementary counter 6 average stored at - 26	85 86 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	76	0	6	
	Complementary counter 6 average stored at - 27	C5 86 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	77	0	6	
	Complementary counter 6 average stored at - 28	85 87 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	78	0	6	
	Complementary counter 6 average stored at - 29	C5 87 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	79	0	6	
	Complementary counter 6 average stored at - 30	85 88 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	80	0	6	
	Complementary counter 6 average stored at - 31	C5 88 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	81	0	6	
	Complementary counter 6 average stored at - 32	85 89 C2 40,ci ci,xx xx xx xx	10	H, 32 bits	0	82	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Sub-Unit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Power maximum stored at - 1	D5 82 03,2B,xx xx xx xx	H, 32 bits	# [W]	Power	0	0	101	1	<Records>
	Power maximum stored at - 2	95 83 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	102	1	
	Power maximum stored at - 3	D5 83 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	103	1	
	Power maximum stored at - 4	95 84 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	104	1	
	Power maximum stored at - 5	D5 84 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	105	1	
	Power maximum stored at - 6	95 85 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	106	1	
	Power maximum stored at - 7	D5 85 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	107	1	
	Power maximum stored at - 8	95 86 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	108	1	
	Power maximum stored at - 9	D5 86 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	109	1	
	Power maximum stored at - 10	95 87 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	110	1	
	Power maximum stored at - 11	D5 87 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	111	1	
	Power maximum stored at - 12	95 88 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	112	1	
	Power maximum stored at - 13	D5 88 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	113	1	
	Power maximum stored at - 14	95 89 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	114	1	
	Power maximum stored at - 15	D5 89 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	115	1	
	Power maximum stored at - 16	95 8A 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	116	1	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 150 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Subunit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Power maximum stored at - 17	D5 8A 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	117	1	<Records>
	Power maximum stored at - 18	95 8B 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	118	1	
	Power maximum stored at - 19	D5 8B 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	119	1	
	Power maximum stored at - 20	95 8C 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	120	1	
	Power maximum stored at - 21	D5 8C 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	121	1	
	Power maximum stored at - 22	95 8D 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	122	1	
	Power maximum stored at - 23	D5 8D 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	123	1	
	Power maximum stored at - 24	95 8E 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	124	1	
	Power maximum stored at - 25	D5 8E 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	125	1	
	Power maximum stored at - 26	95 8F 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	126	1	
	Power maximum stored at - 27	D5 8F 03,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	127	1	
	Power maximum stored at - 28	95 80 04,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	128	1	
	Power maximum stored at - 29	D5 80 04,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	129	1	
	Power maximum stored at - 30	95 81 04,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	130	1	
	Power maximum stored at - 31	D5 81 04,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	131	1	
	Power maximum stored at - 32	95 82 04,2B,xx xx xx xx	H, 32 bits	[W]	Power	0	0	132	1	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 150 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Sub-Unit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Power maximum date/time stored at - 1	C4 82 03,6D,xx xx xx xx	F, 32 bits	#	DateAndTime	0	0	101	0	<Records>
	Power maximum date/time stored at - 2	84 83 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	102	0	
	Power maximum date/time stored at - 3	C4 83 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	103	0	
	Power maximum date/time stored at - 4	84 84 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	104	0	
	Power maximum date/time stored at - 5	C4 84 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	105	0	
	Power maximum date/time stored at - 6	84 85 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	106	0	
	Power maximum date/time stored at - 7	C4 85 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	107	0	
	Power maximum date/time stored at - 8	84 86 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	108	0	
	Power maximum date/time stored at - 9	C4 86 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	109	0	
	Power maximum date/time stored at - 10	84 87 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	110	0	
	Power maximum date/time stored at - 11	C4 87 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	111	0	
	Power maximum date/time stored at - 12	84 88 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	112	0	
	Power maximum date/time stored at - 13	C4 88 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	113	0	
	Power maximum date/time stored at - 14	84 89 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	114	0	
	Power maximum date/time stored at - 15	C4 89 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	115	0	
	Power maximum date/time stored at - 16	84 8A 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	116	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 150 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

can be introduced in user custom frame

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Su;Unit	Tariff	Storage	Function‡	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	72		Variable structure respond						
	Identification number	xx xx xx xx	A, 32 bits		IdentificationNumber					<Header>
	Manufacturer ID	EE 4D	C, 16 bits	"SON"	Manufacturer					
	Version of meter	0E	C, 8 bits		Version					
	Device type	dt	D, 8 bits		DeviceType					
	Access number	xx	C, 8 bits		AccessNumber					
	Status	st	Ds, 8 bits		Status					
	Signature (not used)	00 00	C, 16 bits		Signature					
	Power maximum date/time stored at - 17	C4 8A 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	117	0	<Records>
	Power maximum date/time stored at - 18	84 8B 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	118	0	
	Power maximum date/time stored at - 19	C4 8B 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	119	0	
	Power maximum date/time stored at - 20	84 8C 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	120	0	
	Power maximum date/time stored at - 21	C4 8C 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	121	0	
	Power maximum date/time stored at - 22	84 8D 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	122	0	
	Power maximum date/time stored at - 23	C4 8D 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	123	0	
	Power maximum date/time stored at - 24	84 8E 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	124	0	
	Power maximum date/time stored at - 25	C4 8E 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	125	0	
	Power maximum date/time stored at - 26	84 8F 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	126	0	
	Power maximum date/time stored at - 27	C4 8F 03,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	127	0	
	Power maximum date/time stored at - 28	84 80 04,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	128	0	
	Power maximum date/time stored at - 29	C4 80 04,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	129	0	
	Power maximum date/time stored at - 30	84 81 04,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	130	0	
	Power maximum date/time stored at - 31	C4 81 04,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	131	0	
	Power maximum date/time stored at - 32	84 82 04,6D,xx xx xx xx	F, 32 bits		DateAndTime	0	0	132	0	
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 150 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	#	Flow maximum stored at - 1	D5 86 04,3E,xx xx xx xx	8	H, 32 bits	Max	141	0	0	
		Flow maximum stored at - 2	95 87 04,3E,xx xx xx xx	8	H, 32 bits	Max	142	0	0	
		Flow maximum stored at - 3	D5 87 04,3E,xx xx xx xx	8	H, 32 bits	Max	143	0	0	
		Flow maximum stored at - 4	95 88 04,3E,xx xx xx xx	8	H, 32 bits	Max	144	0	0	
		Flow maximum stored at - 5	D5 88 04,3E,xx xx xx xx	8	H, 32 bits	Max	145	0	0	
		Flow maximum stored at - 6	95 89 04,3E,xx xx xx xx	8	H, 32 bits	Max	146	0	0	
		Flow maximum stored at - 7	D5 89 04,3E,xx xx xx xx	8	H, 32 bits	Max	147	0	0	
		Flow maximum stored at - 8	95 8A 04,3E,xx xx xx xx	8	H, 32 bits	Max	148	0	0	
		Flow maximum stored at - 9	D5 8A 04,3E,xx xx xx xx	8	H, 32 bits	Max	149	0	0	
		Flow maximum stored at - 10	95 8B 04,3E,xx xx xx xx	8	H, 32 bits	Max	150	0	0	
		Flow maximum stored at - 11	D5 8B 04,3E,xx xx xx xx	8	H, 32 bits	Max	151	0	0	
		Flow maximum stored at - 12	95 8C 04,3E,xx xx xx xx	8	H, 32 bits	Max	152	0	0	
		Flow maximum stored at - 13	D5 8C 04,3E,xx xx xx xx	8	H, 32 bits	Max	153	0	0	
		Flow maximum stored at - 14	95 8D 04,3E,xx xx xx xx	8	H, 32 bits	Max	154	0	0	
		Flow maximum stored at - 15	D5 8D 04,3E,xx xx xx xx	8	H, 32 bits	Max	155	0	0	
		Flow maximum stored at - 16	95 8E 04,3E,xx xx xx xx	8	H, 32 bits	Max	156	0	0	
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Flow maximum stored at - 17	D5 8E 04,3E,xx xx xx xx	8	H, 32 bits	Max	157	0	0	
	Flow maximum stored at - 18	95 8F 04,3E,xx xx xx xx	8	H, 32 bits	Max	158	0	0	
	Flow maximum stored at - 19	D5 8F 04,3E,xx xx xx xx	8	H, 32 bits	Max	159	0	0	
	Flow maximum stored at - 20	95 80 05,3E,xx xx xx xx	8	H, 32 bits	Max	160	0	0	
	Flow maximum stored at - 21	D5 80 05,3E,xx xx xx xx	8	H, 32 bits	Max	161	0	0	
	Flow maximum stored at - 22	95 81 05,3E,xx xx xx xx	8	H, 32 bits	Max	162	0	0	
	Flow maximum stored at - 23	D5 81 05,3E,xx xx xx xx	8	H, 32 bits	Max	163	0	0	
	Flow maximum stored at - 24	95 82 05,3E,xx xx xx xx	8	H, 32 bits	Max	164	0	0	
	Flow maximum stored at - 25	D5 82 05,3E,xx xx xx xx	8	H, 32 bits	Max	165	0	0	
	Flow maximum stored at - 26	95 83 05,3E,xx xx xx xx	8	H, 32 bits	Max	166	0	0	
	Flow maximum stored at - 27	D5 83 05,3E,xx xx xx xx	8	H, 32 bits	Max	167	0	0	
	Flow maximum stored at - 28	95 84 05,3E,xx xx xx xx	8	H, 32 bits	Max	168	0	0	
	Flow maximum stored at - 29	D5 84 05,3E,xx xx xx xx	8	H, 32 bits	Max	169	0	0	
	Flow maximum stored at - 30	95 85 05,3E,xx xx xx xx	8	H, 32 bits	Max	170	0	0	
	Flow maximum stored at - 31	D5 85 05,3E,xx xx xx xx	8	H, 32 bits	Max	171	0	0	
	Flow maximum stored at - 32	95 86 05,3E,xx xx xx xx	8	H, 32 bits	Max	172	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes						
Header		Start, **L**ength	"68,Le Le,68"	4						
		Control	08	1	Respond with user data, RSP_UD					
		Address	xx	1						
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header				0	*Coding*					
		Identification number	xx xx xx xx	4	A, 32 bits					
		Manufacturer ID	EE 4D	2	C, 16 bits					
		Version of meter	0E	1	C, 8 bits					
		Device type	dt	1	D, 8 bits					
		Access number	xx	1	C, 8 bits					
		Status	st	1	Ds, 8 bits					
		Signature (not used)	00 00	2	C, 16 bits					
User Data Records				0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	#	Flow maximum date/time stored at - 1	C4 86 04,6D,xx xx xx xx	8	F, 32 bits	0	141	0	0	
		Flow maximum date/time stored at - 2	84 87 04,6D,xx xx xx xx	8	F, 32 bits	0	142	0	0	
		Flow maximum date/time stored at - 3	C4 87 04,6D,xx xx xx xx	8	F, 32 bits	0	143	0	0	
		Flow maximum date/time stored at - 4	84 88 04,6D,xx xx xx xx	8	F, 32 bits	0	144	0	0	
		Flow maximum date/time stored at - 5	C4 88 04,6D,xx xx xx xx	8	F, 32 bits	0	145	0	0	
		Flow maximum date/time stored at - 6	84 89 04,6D,xx xx xx xx	8	F, 32 bits	0	146	0	0	
		Flow maximum date/time stored at - 7	C4 89 04,6D,xx xx xx xx	8	F, 32 bits	0	147	0	0	
		Flow maximum date/time stored at - 8	84 8A 04,6D,xx xx xx xx	8	F, 32 bits	0	148	0	0	
		Flow maximum date/time stored at - 9	C4 8A 04,6D,xx xx xx xx	8	F, 32 bits	0	149	0	0	
		Flow maximum date/time stored at - 10	84 8B 04,6D,xx xx xx xx	8	F, 32 bits	0	150	0	0	
		Flow maximum date/time stored at - 11	C4 8B 04,6D,xx xx xx xx	8	F, 32 bits	0	151	0	0	
		Flow maximum date/time stored at - 12	84 8C 04,6D,xx xx xx xx	8	F, 32 bits	0	152	0	0	
		Flow maximum date/time stored at - 13	C4 8C 04,6D,xx xx xx xx	8	F, 32 bits	0	153	0	0	
		Flow maximum date/time stored at - 14	84 8D 04,6D,xx xx xx xx	8	F, 32 bits	0	154	0	0	
		Flow maximum date/time stored at - 15	C4 8D 04,6D,xx xx xx xx	8	F, 32 bits	0	155	0	0	
		Flow maximum date/time stored at - 16	84 8E 04,6D,xx xx xx xx	8	F, 32 bits	0	156	0	0	
		More records in next telegram	mo	1	Start of manufacturer specific data					
End		**C**heck **S**um	cs	1						
		Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Flow maximum date/time stored at - 17	C4 8E 04,6D,xx xx xx xx	8	F, 32 bits	0	157	0	0	
	Flow maximum date/time stored at - 18	84 8F 04,6D,xx xx xx xx	8	F, 32 bits	0	158	0	0	
	Flow maximum date/time stored at - 19	C4 8F 04,6D,xx xx xx xx	8	F, 32 bits	0	159	0	0	
	Flow maximum date/time stored at - 20	84 80 05,6D,xx xx xx xx	8	F, 32 bits	0	160	0	0	
	Flow maximum date/time stored at - 21	C4 80 05,6D,xx xx xx xx	8	F, 32 bits	0	161	0	0	
	Flow maximum date/time stored at - 22	84 81 05,6D,xx xx xx xx	8	F, 32 bits	0	162	0	0	
	Flow maximum date/time stored at - 23	C4 81 05,6D,xx xx xx xx	8	F, 32 bits	0	163	0	0	
	Flow maximum date/time stored at - 24	84 82 05,6D,xx xx xx xx	8	F, 32 bits	0	164	0	0	
	Flow maximum date/time stored at - 25	C4 82 05,6D,xx xx xx xx	8	F, 32 bits	0	165	0	0	
	Flow maximum date/time stored at - 26	84 83 05,6D,xx xx xx xx	8	F, 32 bits	0	166	0	0	
	Flow maximum date/time stored at - 27	C4 83 05,6D,xx xx xx xx	8	F, 32 bits	0	167	0	0	
	Flow maximum date/time stored at - 28	84 84 05,6D,xx xx xx xx	8	F, 32 bits	0	168	0	0	
	Flow maximum date/time stored at - 29	C4 84 05,6D,xx xx xx xx	8	F, 32 bits	0	169	0	0	
	Flow maximum date/time stored at - 30	84 85 05,6D,xx xx xx xx	8	F, 32 bits	0	170	0	0	
	Flow maximum date/time stored at - 31	C4 85 05,6D,xx xx xx xx	8	F, 32 bits	0	171	0	0	
	Flow maximum date/time stored at - 32	84 86 05,6D,xx xx xx xx	8	F, 32 bits	0	172	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Temperature high maximum stored at - 1	D5 8A 05,5B,xx xx xx xx	8	H, 32 bits	Max	181	0	0	
	Temperature high maximum stored at - 2	95 8B 05,5B,xx xx xx xx	8	H, 32 bits	Max	182	0	0	
	Temperature high maximum stored at - 3	D5 8B 05,5B,xx xx xx xx	8	H, 32 bits	Max	183	0	0	
	Temperature high maximum stored at - 4	95 8C 05,5B,xx xx xx xx	8	H, 32 bits	Max	184	0	0	
	Temperature high maximum stored at - 5	D5 8C 05,5B,xx xx xx xx	8	H, 32 bits	Max	185	0	0	
	Temperature high maximum stored at - 6	95 8D 05,5B,xx xx xx xx	8	H, 32 bits	Max	186	0	0	
	Temperature high maximum stored at - 7	D5 8D 05,5B,xx xx xx xx	8	H, 32 bits	Max	187	0	0	
	Temperature high maximum stored at - 8	95 8E 05,5B,xx xx xx xx	8	H, 32 bits	Max	188	0	0	
	Temperature high maximum stored at - 9	D5 8E 05,5B,xx xx xx xx	8	H, 32 bits	Max	189	0	0	
	Temperature high maximum stored at - 10	95 8F 05,5B,xx xx xx xx	8	H, 32 bits	Max	190	0	0	
	Temperature high maximum stored at - 11	D5 8F 05,5B,xx xx xx xx	8	H, 32 bits	Max	191	0	0	
	Temperature high maximum stored at - 12	95 80 06,5B,xx xx xx xx	8	H, 32 bits	Max	192	0	0	
	Temperature high maximum stored at - 13	D5 80 06,5B,xx xx xx xx	8	H, 32 bits	Max	193	0	0	
	Temperature high maximum stored at - 14	95 81 06,5B,xx xx xx xx	8	H, 32 bits	Max	194	0	0	
	Temperature high maximum stored at - 15	D5 81 06,5B,xx xx xx xx	8	H, 32 bits	Max	195	0	0	
	Temperature high maximum stored at - 16	95 82 06,5B,xx xx xx xx	8	H, 32 bits	Max	196	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Temperature high maximum stored at - 17	D5 82 06,5B,xx xx xx xx	8	H, 32 bits	Max	197	0	0	
	Temperature high maximum stored at - 18	95 83 06,5B,xx xx xx xx	8	H, 32 bits	Max	198	0	0	
	Temperature high maximum stored at - 19	D5 84 06,5B,xx xx xx xx	8	H, 32 bits	Max	199	0	0	
	Temperature high maximum stored at - 20	95 84 06,5B,xx xx xx xx	8	H, 32 bits	Max	200	0	0	
	Temperature high maximum stored at - 21	D5 85 06,5B,xx xx xx xx	8	H, 32 bits	Max	201	0	0	
	Temperature high maximum stored at - 22	95 85 06,5B,xx xx xx xx	8	H, 32 bits	Max	202	0	0	
	Temperature high maximum stored at - 23	D5 86 06,5B,xx xx xx xx	8	H, 32 bits	Max	203	0	0	
	Temperature high maximum stored at - 24	95 86 06,5B,xx xx xx xx	8	H, 32 bits	Max	204	0	0	
	Temperature high maximum stored at - 25	D5 87 06,5B,xx xx xx xx	8	H, 32 bits	Max	205	0	0	
	Temperature high maximum stored at - 26	95 87 06,5B,xx xx xx xx	8	H, 32 bits	Max	206	0	0	
	Temperature high maximum stored at - 27	D5 88 06,5B,xx xx xx xx	8	H, 32 bits	Max	207	0	0	
	Temperature high maximum stored at - 28	95 88 06,5B,xx xx xx xx	8	H, 32 bits	Max	208	0	0	
	Temperature high maximum stored at - 29	D5 89 06,5B,xx xx xx xx	8	H, 32 bits	Max	209	0	0	
	Temperature high maximum stored at - 30	95 89 06,5B,xx xx xx xx	8	H, 32 bits	Max	210	0	0	
	Temperature high maximum stored at - 31	D5 8A 06,5B,xx xx xx xx	8	H, 32 bits	Max	211	0	0	
	Temperature high maximum stored at - 32	95 8A 06,5B,xx xx xx xx	8	H, 32 bits	Max	212	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Temperature high maximum date/time stored at - 1	C4 8A 05,6D,xx xx xx xx	8	F, 32 bits	0	181	0	0	
	Temperature high maximum date/time stored at - 2	84 8B 05,6D,xx xx xx xx	8	F, 32 bits	0	182	0	0	
	Temperature high maximum date/time stored at - 3	C4 8B 05,6D,xx xx xx xx	8	F, 32 bits	0	183	0	0	
	Temperature high maximum date/time stored at - 4	84 8C 05,6D,xx xx xx xx	8	F, 32 bits	0	184	0	0	
	Temperature high maximum date/time stored at - 5	C4 8C 05,6D,xx xx xx xx	8	F, 32 bits	0	185	0	0	
	Temperature high maximum date/time stored at - 6	84 8D 05,6D,xx xx xx xx	8	F, 32 bits	0	186	0	0	
	Temperature high maximum date/time stored at - 7	C4 8D 05,6D,xx xx xx xx	8	F, 32 bits	0	187	0	0	
	Temperature high maximum date/time stored at - 8	84 8E 05,6D,xx xx xx xx	8	F, 32 bits	0	188	0	0	
	Temperature high maximum date/time stored at - 9	C4 8E 05,6D,xx xx xx xx	8	F, 32 bits	0	189	0	0	
	Temperature high maximum date/time stored at - 10	84 8F 05,6D,xx xx xx xx	8	F, 32 bits	0	190	0	0	
	Temperature high maximum date/time stored at - 11	C4 8F 05,6D,xx xx xx xx	8	F, 32 bits	0	191	0	0	
	Temperature high maximum date/time stored at - 12	84 80 06,6D,xx xx xx xx	8	F, 32 bits	0	192	0	0	
	Temperature high maximum date/time stored at - 13	C4 80 06,6D,xx xx xx xx	8	F, 32 bits	0	193	0	0	
	Temperature high maximum date/time stored at - 14	84 81 06,6D,xx xx xx xx	8	F, 32 bits	0	194	0	0	
	Temperature high maximum date/time stored at - 15	C4 81 06,6D,xx xx xx xx	8	F, 32 bits	0	195	0	0	
	Temperature high maximum date/time stored at - 16	84 82 06,6D,xx xx xx xx	8	F, 32 bits	0	196	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Temperature high maximum date/time stored at - 17	C4 82 06,6D,xx xx xx xx	8	F, 32 bits	0	197	0	0	
	Temperature high maximum date/time stored at - 18	84 83 06,6D,xx xx xx xx	8	F, 32 bits	0	198	0	0	
	Temperature high maximum date/time stored at - 19	C4 84 06,6D,xx xx xx xx	8	F, 32 bits	0	199	0	0	
	Temperature high maximum date/time stored at - 20	84 84 06,6D,xx xx xx xx	8	F, 32 bits	0	200	0	0	
	Temperature high maximum date/time stored at - 21	C4 85 06,6D,xx xx xx xx	8	F, 32 bits	0	201	0	0	
	Temperature high maximum date/time stored at - 22	84 85 06,6D,xx xx xx xx	8	F, 32 bits	0	202	0	0	
	Temperature high maximum date/time stored at - 23	C4 86 06,6D,xx xx xx xx	8	F, 32 bits	0	203	0	0	
	Temperature high maximum date/time stored at - 24	84 86 06,6D,xx xx xx xx	8	F, 32 bits	0	204	0	0	
	Temperature high maximum date/time stored at - 25	C4 87 06,6D,xx xx xx xx	8	F, 32 bits	0	205	0	0	
	Temperature high maximum date/time stored at - 26	84 87 06,6D,xx xx xx xx	8	F, 32 bits	0	206	0	0	
	Temperature high maximum date/time stored at - 27	C4 88 06,6D,xx xx xx xx	8	F, 32 bits	0	207	0	0	
	Temperature high maximum date/time stored at - 28	84 88 06,6D,xx xx xx xx	8	F, 32 bits	0	208	0	0	
	Temperature high maximum date/time stored at - 29	C4 89 06,6D,xx xx xx xx	8	F, 32 bits	0	209	0	0	
	Temperature high maximum date/time stored at - 30	84 89 06,6D,xx xx xx xx	8	F, 32 bits	0	210	0	0	
	Temperature high maximum date/time stored at - 31	C4 8A 06,6D,xx xx xx xx	8	F, 32 bits	0	211	0	0	
	Temperature high maximum date/time stored at - 32	84 8A 06,6D,xx xx xx xx	8	F, 32 bits	0	212	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stor*	*Tar*	*De*	*Value Info*
	Temperature low maximum stored at - 1	D5 8E 06,5F,xx xx xx xx	8	H, 32 bits	Max	221	0	0	
	Temperature low maximum stored at - 2	95 8F 06,5F,xx xx xx xx	8	H, 32 bits	Max	222	0	0	
	Temperature low maximum stored at - 3	D5 8F 06,5F,xx xx xx xx	8	H, 32 bits	Max	223	0	0	
	Temperature low maximum stored at - 4	95 80 07,5F,xx xx xx xx	8	H, 32 bits	Max	224	0	0	
	Temperature low maximum stored at - 5	D5 80 07,5F,xx xx xx xx	8	H, 32 bits	Max	225	0	0	
	Temperature low maximum stored at - 6	95 81 07,5F,xx xx xx xx	8	H, 32 bits	Max	226	0	0	
	Temperature low maximum stored at - 7	D5 81 07,5F,xx xx xx xx	8	H, 32 bits	Max	227	0	0	
	Temperature low maximum stored at - 8	95 82 07,5F,xx xx xx xx	8	H, 32 bits	Max	228	0	0	
	Temperature low maximum stored at - 9	D5 82 07,5F,xx xx xx xx	8	H, 32 bits	Max	229	0	0	
	Temperature low maximum stored at - 10	95 83 07,5F,xx xx xx xx	8	H, 32 bits	Max	230	0	0	
	Temperature low maximum stored at - 11	D5 83 07,5F,xx xx xx xx	8	H, 32 bits	Max	231	0	0	
	Temperature low maximum stored at - 12	95 84 07,5F,xx xx xx xx	8	H, 32 bits	Max	232	0	0	
	Temperature low maximum stored at - 13	D5 84 07,5F,xx xx xx xx	8	H, 32 bits	Max	233	0	0	
	Temperature low maximum stored at - 14	95 85 07,5F,xx xx xx xx	8	H, 32 bits	Max	234	0	0	
	Temperature low maximum stored at - 15	D5 85 07,5F,xx xx xx xx	8	H, 32 bits	Max	235	0	0	
	Temperature low maximum stored at - 16	95 86 07,5F,xx xx xx xx	8	H, 32 bits	Max	236	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stor*	*Tar*	*De*	*Value Info*
	Temperature low maximum stored at - 17	D5 86 07,5F,xx xx xx xx	8	H, 32 bits	Max	237	0	0	
	Temperature low maximum stored at - 18	95 87 07,5F,xx xx xx xx	8	H, 32 bits	Max	238	0	0	
	Temperature low maximum stored at - 19	D5 87 07,5F,xx xx xx xx	8	H, 32 bits	Max	239	0	0	
	Temperature low maximum stored at - 20	95 88 07,5F,xx xx xx xx	8	H, 32 bits	Max	240	0	0	
	Temperature low maximum stored at - 21	D5 88 07,5F,xx xx xx xx	8	H, 32 bits	Max	241	0	0	
	Temperature low maximum stored at - 22	95 89 07,5F,xx xx xx xx	8	H, 32 bits	Max	242	0	0	
	Temperature low maximum stored at - 23	D5 89 07,5F,xx xx xx xx	8	H, 32 bits	Max	243	0	0	
	Temperature low maximum stored at - 24	95 8A 07,5F,xx xx xx xx	8	H, 32 bits	Max	244	0	0	
	Temperature low maximum stored at - 25	D5 8A 07,5F,xx xx xx xx	8	H, 32 bits	Max	245	0	0	
	Temperature low maximum stored at - 26	95 8B 07,5F,xx xx xx xx	8	H, 32 bits	Max	246	0	0	
	Temperature low maximum stored at - 27	D5 8B 07,5F,xx xx xx xx	8	H, 32 bits	Max	247	0	0	
	Temperature low maximum stored at - 28	95 8C 07,5F,xx xx xx xx	8	H, 32 bits	Max	248	0	0	
	Temperature low maximum stored at - 29	D5 8C 07,5F,xx xx xx xx	8	H, 32 bits	Max	249	0	0	
	Temperature low maximum stored at - 30	95 8D 07,5F,xx xx xx xx	8	H, 32 bits	Max	250	0	0	
	Temperature low maximum stored at - 31	D5 8D 07,5F,xx xx xx xx	8	H, 32 bits	Max	251	0	0	
	Temperature low maximum stored at - 32	95 8E 07,5F,xx xx xx xx	8	H, 32 bits	Max	252	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Stor*	*Tar*	*De*	*Value Info*
	Temperature low maximum date/time stored at - 1	C4 8E 06,6D,xx xx xx xx	8	F, 32 bits	0	221	0	0	
	Temperature low maximum date/time stored at - 2	84 8F 06,6D,xx xx xx xx	8	F, 32 bits	0	222	0	0	
	Temperature low maximum date/time stored at - 3	C4 8F 06,6D,xx xx xx xx	8	F, 32 bits	0	223	0	0	
	Temperature low maximum date/time stored at - 4	84 80 07,6D,xx xx xx xx	8	F, 32 bits	0	224	0	0	
	Temperature low maximum date/time stored at - 5	C4 80 07,6D,xx xx xx xx	8	F, 32 bits	0	225	0	0	
	Temperature low maximum date/time stored at - 6	84 81 07,6D,xx xx xx xx	8	F, 32 bits	0	226	0	0	
	Temperature low maximum date/time stored at - 7	C4 81 07,6D,xx xx xx xx	8	F, 32 bits	0	227	0	0	
	Temperature low maximum date/time stored at - 8	84 82 07,6D,xx xx xx xx	8	F, 32 bits	0	228	0	0	
	Temperature low maximum date/time stored at - 9	C4 82 07,6D,xx xx xx xx	8	F, 32 bits	0	229	0	0	
	Temperature low maximum date/time stored at - 10	84 83 07,6D,xx xx xx xx	8	F, 32 bits	0	230	0	0	
	Temperature low maximum date/time stored at - 11	C4 83 07,6D,xx xx xx xx	8	F, 32 bits	0	231	0	0	
	Temperature low maximum date/time stored at - 12	84 84 07,6D,xx xx xx xx	8	F, 32 bits	0	232	0	0	
	Temperature low maximum date/time stored at - 13	C4 84 07,6D,xx xx xx xx	8	F, 32 bits	0	233	0	0	
	Temperature low maximum date/time stored at - 14	84 85 07,6D,xx xx xx xx	8	F, 32 bits	0	234	0	0	
	Temperature low maximum date/time stored at - 15	C4 85 07,6D,xx xx xx xx	8	F, 32 bits	0	235	0	0	
	Temperature low maximum date/time stored at - 16	84 86 07,6D,xx xx xx xx	8	F, 32 bits	0	236	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fun*	*Stor*	*Tar*	*De*	*Value Info*
	Temperature low maximum date/time stored at - 17	C4 86 07,6D,xx xx xx xx	8	F, 32 bits	0	237	0	0	
	Temperature low maximum date/time stored at - 18	84 87 07,6D,xx xx xx xx	8	F, 32 bits	0	238	0	0	
	Temperature low maximum date/time stored at - 19	C4 87 07,6D,xx xx xx xx	8	F, 32 bits	0	239	0	0	
	Temperature low maximum date/time stored at - 20	84 88 07,6D,xx xx xx xx	8	F, 32 bits	0	240	0	0	
	Temperature low maximum date/time stored at - 21	C4 88 07,6D,xx xx xx xx	8	F, 32 bits	0	241	0	0	
	Temperature low maximum date/time stored at - 22	84 89 07,6D,xx xx xx xx	8	F, 32 bits	0	242	0	0	
	Temperature low maximum date/time stored at - 23	C4 89 07,6D,xx xx xx xx	8	F, 32 bits	0	243	0	0	
	Temperature low maximum date/time stored at - 24	84 8A 07,6D,xx xx xx xx	8	F, 32 bits	0	244	0	0	
	Temperature low maximum date/time stored at - 25	C4 8A 07,6D,xx xx xx xx	8	F, 32 bits	0	245	0	0	
	Temperature low maximum date/time stored at - 26	84 8B 07,6D,xx xx xx xx	8	F, 32 bits	0	246	0	0	
	Temperature low maximum date/time stored at - 27	C4 8B 07,6D,xx xx xx xx	8	F, 32 bits	0	247	0	0	
	Temperature low maximum date/time stored at - 28	84 8C 07,6D,xx xx xx xx	8	F, 32 bits	0	248	0	0	
	Temperature low maximum date/time stored at - 29	C4 8C 07,6D,xx xx xx xx	8	F, 32 bits	0	249	0	0	
	Temperature low maximum date/time stored at - 30	84 8D 07,6D,xx xx xx xx	8	F, 32 bits	0	250	0	0	
	Temperature low maximum date/time stored at - 31	C4 8D 07,6D,xx xx xx xx	8	F, 32 bits	0	251	0	0	
	Temperature low maximum date/time stored at - 32	84 8E 07,6D,xx xx xx xx	8	F, 32 bits	0	252	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tai*	*De*	*Value Info*
	Delta temperature maximum stored at - 1	D5 82 08,63,xx xx xx xx	8	H, 32 bits	Max	261	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 2	95 83 08,63,xx xx xx xx	8	H, 32 bits	Max	262	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 3	D5 83 08,63,xx xx xx xx	8	H, 32 bits	Max	263	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 4	95 84 08,63,xx xx xx xx	8	H, 32 bits	Max	264	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 5	D5 84 08,63,xx xx xx xx	8	H, 32 bits	Max	265	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 6	95 85 08,63,xx xx xx xx	8	H, 32 bits	Max	266	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 7	D5 85 08,63,xx xx xx xx	8	H, 32 bits	Max	267	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 8	95 86 08,63,xx xx xx xx	8	H, 32 bits	Max	268	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 9	D5 86 08,63,xx xx xx xx	8	H, 32 bits	Max	269	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 10	95 87 08,63,xx xx xx xx	8	H, 32 bits	Max	270	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 11	D5 87 08,63,xx xx xx xx	8	H, 32 bits	Max	271	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 12	95 88 08,63,xx xx xx xx	8	H, 32 bits	Max	272	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 13	D5 88 08,63,xx xx xx xx	8	H, 32 bits	Max	273	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 14	95 89 08,63,xx xx xx xx	8	H, 32 bits	Max	274	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 15	D5 89 08,63,xx xx xx xx	8	H, 32 bits	Max	275	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 16	95 8A 08,63,xx xx xx xx	8	H, 32 bits	Max	276	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tai*	*De*	*Value Info*
	Delta temperature maximum stored at - 17	D5 8A 08,63,xx xx xx xx	8	H, 32 bits	Max	277	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 18	95 8B 08,63,xx xx xx xx	8	H, 32 bits	Max	278	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 19	D5 8B 08,63,xx xx xx xx	8	H, 32 bits	Max	279	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 20	95 8C 08,63,xx xx xx xx	8	H, 32 bits	Max	280	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 21	D5 8C 08,63,xx xx xx xx	8	H, 32 bits	Max	281	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 22	95 8D 08,63,xx xx xx xx	8	H, 32 bits	Max	282	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 23	D5 8D 08,63,xx xx xx xx	8	H, 32 bits	Max	283	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 24	95 8E 08,63,xx xx xx xx	8	H, 32 bits	Max	284	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 25	D5 8E 08,63,xx xx xx xx	8	H, 32 bits	Max	285	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 26	95 8F 08,63,xx xx xx xx	8	H, 32 bits	Max	286	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 27	D5 8F 08,63,xx xx xx xx	8	H, 32 bits	Max	287	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 28	95 80 09,63,xx xx xx xx	8	H, 32 bits	Max	288	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 29	D5 80 09,63,xx xx xx xx	8	H, 32 bits	Max	289	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 30	95 81 09,63,xx xx xx xx	8	H, 32 bits	Max	290	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 31	D5 81 09,63,xx xx xx xx	8	H, 32 bits	Max	291	0	0	Temperature difference; 1K
	Delta temperature maximum stored at - 32	95 82 09,63,xx xx xx xx	8	H, 32 bits	Max	292	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Ta*	*De*	*Value Info*
	Delta temperature maximum date/time stored at - 1	C4 82 08,6D,xx xx xx xx	8	F, 32 bits	0	261	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 2	84 83 08,6D,xx xx xx xx	8	F, 32 bits	0	262	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 3	C4 83 08,6D,xx xx xx xx	8	F, 32 bits	0	263	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 4	84 84 08,6D,xx xx xx xx	8	F, 32 bits	0	264	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 5	C4 84 08,6D,xx xx xx xx	8	F, 32 bits	0	265	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 6	84 85 08,6D,xx xx xx xx	8	F, 32 bits	0	266	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 7	C4 85 08,6D,xx xx xx xx	8	F, 32 bits	0	267	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 8	84 86 08,6D,xx xx xx xx	8	F, 32 bits	0	268	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 9	C4 86 08,6D,xx xx xx xx	8	F, 32 bits	0	269	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 10	84 87 08,6D,xx xx xx xx	8	F, 32 bits	0	270	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 11	C4 87 08,6D,xx xx xx xx	8	F, 32 bits	0	271	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 12	84 88 08,6D,xx xx xx xx	8	F, 32 bits	0	272	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 13	C4 88 08,6D,xx xx xx xx	8	F, 32 bits	0	273	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 14	84 89 08,6D,xx xx xx xx	8	F, 32 bits	0	274	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 15	C4 89 08,6D,xx xx xx xx	8	F, 32 bits	0	275	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 16	84 8A 08,6D,xx xx xx xx	8	F, 32 bits	0	276	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tai*	*De*	*Value Info*
	Delta temperature maximum date/time stored at - 17	C4 8A 08,6D,xx xx xx xx	8	F, 32 bits	0	277	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 18	84 8B 08,6D,xx xx xx xx	8	F, 32 bits	0	278	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 19	C4 8B 08,6D,xx xx xx xx	8	F, 32 bits	0	279	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 20	84 8C 08,6D,xx xx xx xx	8	F, 32 bits	0	280	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 21	C4 8C 08,6D,xx xx xx xx	8	F, 32 bits	0	281	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 22	84 8D 08,6D,xx xx xx xx	8	F, 32 bits	0	282	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 23	C4 8D 08,6D,xx xx xx xx	8	F, 32 bits	0	283	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 24	84 8E 08,6D,xx xx xx xx	8	F, 32 bits	0	284	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 25	C4 8E 08,6D,xx xx xx xx	8	F, 32 bits	0	285	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 26	84 8F 08,6D,xx xx xx xx	8	F, 32 bits	0	286	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 27	C4 8F 08,6D,xx xx xx xx	8	F, 32 bits	0	287	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 28	84 80 09,6D,xx xx xx xx	8	F, 32 bits	0	288	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 29	C4 80 09,6D,xx xx xx xx	8	F, 32 bits	0	289	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 30	84 81 09,6D,xx xx xx xx	8	F, 32 bits	0	290	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 31	C4 81 09,6D,xx xx xx xx	8	F, 32 bits	0	291	0	0	Temperature difference; 1K
	Delta temperature maximum date/time stored at - 32	84 82 09,6D,xx xx xx xx	8	F, 32 bits	0	292	0	0	Temperature difference; 1K
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 maximum stored at - 1	D5 C6 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	301	0	1	
	Complementary counter 1 maximum stored at - 2	95 C7 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	302	0	1	
	Complementary counter 1 maximum stored at - 3	D5 C7 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	303	0	1	
	Complementary counter 1 maximum stored at - 4	95 C8 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	304	0	1	
	Complementary counter 1 maximum stored at - 5	D5 C8 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	305	0	1	
	Complementary counter 1 maximum stored at - 6	95 C9 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	306	0	1	
	Complementary counter 1 maximum stored at - 7	D5 C9 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	307	0	1	
	Complementary counter 1 maximum stored at - 8	95 CA 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	308	0	1	
	Complementary counter 1 maximum stored at - 9	D5 CA 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	1	
	Complementary counter 1 maximum stored at - 10	95 CB 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	1	
	Complementary counter 1 maximum stored at - 11	D5 CB 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	1	
	Complementary counter 1 maximum stored at - 12	95 CC 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	1	
	Complementary counter 1 maximum stored at - 13	D5 CC 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	1	
	Complementary counter 1 maximum stored at - 14	95 CD 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	1	
	Complementary counter 1 maximum stored at - 15	D5 CD 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	1	
	Complementary counter 1 maximum stored at - 16	95 CE 09,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	1	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 1 maximum stored at - 17	D5 CE 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	317	0	1	
	Complementary counter 1 maximum stored at - 18	95 CF 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	318	0	1	
	Complementary counter 1 maximum stored at - 19	D5 CF 09,ci ci,xx xx xx xx	9	H, 32 bits	Max	319	0	1	
	Complementary counter 1 maximum stored at - 20	95 C0 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	320	0	1	
	Complementary counter 1 maximum stored at - 21	D5 C0 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	321	0	1	
	Complementary counter 1 maximum stored at - 22	95 C1 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	322	0	1	
	Complementary counter 1 maximum stored at - 23	D5 C1 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	323	0	1	
	Complementary counter 1 maximum stored at - 24	95 C2 0A,ci ci,xx xx xx xx	9	H, 32 bits	Max	324	0	1	
	Complementary counter 1 maximum stored at - 25	D5 C2 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	1	
	Complementary counter 1 maximum stored at - 26	95 C3 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	1	
	Complementary counter 1 maximum stored at - 27	D5 C3 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	1	
	Complementary counter 1 maximum stored at - 28	95 C4 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	1	
	Complementary counter 1 maximum stored at - 29	D5 C4 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	1	
	Complementary counter 1 maximum stored at - 30	95 C5 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	1	
	Complementary counter 1 maximum stored at - 31	D5 C5 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	1	
	Complementary counter 1 maximum stored at - 32	95 C6 0A,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	1	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 1 maximum date/time stored at - 1	C4 C6 09,6D,xx xx xx xx	8	F, 32 bits	0	301	0	1	
	Complementary counter 1 maximum date/time stored at - 2	84 C7 09,6D,xx xx xx xx	8	F, 32 bits	0	302	0	1	
	Complementary counter 1 maximum date/time stored at - 3	C4 C7 09,6D,xx xx xx xx	8	F, 32 bits	0	303	0	1	
	Complementary counter 1 maximum date/time stored at - 4	84 C8 09,6D,xx xx xx xx	8	F, 32 bits	0	304	0	1	
	Complementary counter 1 maximum date/time stored at - 5	C4 C8 09,6D,xx xx xx xx	8	F, 32 bits	0	305	0	1	
	Complementary counter 1 maximum date/time stored at - 6	84 C9 09,6D,xx xx xx xx	8	F, 32 bits	0	306	0	1	
	Complementary counter 1 maximum date/time stored at - 7	C4 C9 09,6D,xx xx xx xx	8	F, 32 bits	0	307	0	1	
	Complementary counter 1 maximum date/time stored at - 8	84 CA 09,6D,xx xx xx xx	8	F, 32 bits	0	308	0	1	
	Complementary counter 1 maximum date/time stored at - 9	C4 CA 09,6D,xx xx xx xx	8	F, 32 bits	0	309	0	1	
	Complementary counter 1 maximum date/time stored at - 10	84 CB 09,6D,xx xx xx xx	8	F, 32 bits	0	310	0	1	
	Complementary counter 1 maximum date/time stored at - 11	C4 CB 09,6D,xx xx xx xx	8	F, 32 bits	0	311	0	1	
	Complementary counter 1 maximum date/time stored at - 12	84 CC 09,6D,xx xx xx xx	8	F, 32 bits	0	312	0	1	
	Complementary counter 1 maximum date/time stored at - 13	C4 CC 09,6D,xx xx xx xx	8	F, 32 bits	0	313	0	1	
	Complementary counter 1 maximum date/time stored at - 14	84 CD 09,6D,xx xx xx xx	8	F, 32 bits	0	314	0	1	
	Complementary counter 1 maximum date/time stored at - 15	C4 CD 09,6D,xx xx xx xx	8	F, 32 bits	0	315	0	1	
	Complementary counter 1 maximum date/time stored at - 16	84 CE 09,6D,xx xx xx xx	8	F, 32 bits	0	316	0	1	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 1 maximum date/time stored at - 17	C4 CE 09,6D,xx xx xx xx	8	F, 32 bits	0	317	0	1	
	Complementary counter 1 maximum date/time stored at - 18	84 CF 09,6D,xx xx xx xx	8	F, 32 bits	0	318	0	1	
	Complementary counter 1 maximum date/time stored at - 19	C4 CF 09,6D,xx xx xx xx	8	F, 32 bits	0	319	0	1	
	Complementary counter 1 maximum date/time stored at - 20	84 C0 0A,6D,xx xx xx xx	8	F, 32 bits	0	320	0	1	
	Complementary counter 1 maximum date/time stored at - 21	C4 C0 0A,6D,xx xx xx xx	8	F, 32 bits	0	321	0	1	
	Complementary counter 1 maximum date/time stored at - 22	84 C1 0A,6D,xx xx xx xx	8	F, 32 bits	0	322	0	1	
	Complementary counter 1 maximum date/time stored at - 23	C4 C1 0A,6D,xx xx xx xx	8	F, 32 bits	0	323	0	1	
	Complementary counter 1 maximum date/time stored at - 24	84 C2 0A,6D,xx xx xx xx	8	F, 32 bits	0	324	0	1	
	Complementary counter 1 maximum date/time stored at - 25	C4 C2 0A,6D,xx xx xx xx	8	F, 32 bits	0	325	0	1	
	Complementary counter 1 maximum date/time stored at - 26	84 C3 0A,6D,xx xx xx xx	8	F, 32 bits	0	326	0	1	
	Complementary counter 1 maximum date/time stored at - 27	C4 C3 0A,6D,xx xx xx xx	8	F, 32 bits	0	327	0	1	
	Complementary counter 1 maximum date/time stored at - 28	84 C4 0A,6D,xx xx xx xx	8	F, 32 bits	0	328	0	1	
	Complementary counter 1 maximum date/time stored at - 29	C4 C4 0A,6D,xx xx xx xx	8	F, 32 bits	0	329	0	1	
	Complementary counter 1 maximum date/time stored at - 30	84 C5 0A,6D,xx xx xx xx	8	F, 32 bits	0	330	0	1	
	Complementary counter 1 maximum date/time stored at - 31	C4 C5 0A,6D,xx xx xx xx	8	F, 32 bits	0	331	0	1	
	Complementary counter 1 maximum date/time stored at - 32	84 C6 0A,6D,xx xx xx xx	8	F, 32 bits	0	332	0	1	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 2 maximum stored at - 1	D5 86 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	301	0	2	
	Complementary counter 2 maximum stored at - 2	95 87 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	302	0	2	
	Complementary counter 2 maximum stored at - 3	D5 87 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	303	0	2	
	Complementary counter 2 maximum stored at - 4	95 88 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	304	0	2	
	Complementary counter 2 maximum stored at - 5	D5 88 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	305	0	2	
	Complementary counter 2 maximum stored at - 6	95 89 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	306	0	2	
	Complementary counter 2 maximum stored at - 7	D5 89 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	307	0	2	
	Complementary counter 2 maximum stored at - 8	95 8A 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	308	0	2	
	Complementary counter 2 maximum stored at - 9	D5 8A 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	2	
	Complementary counter 2 maximum stored at - 10	95 8B 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	2	
	Complementary counter 2 maximum stored at - 11	D5 8B 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	2	
	Complementary counter 2 maximum stored at - 12	95 8C 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	2	
	Complementary counter 2 maximum stored at - 13	D5 8C 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	2	
	Complementary counter 2 maximum stored at - 14	95 8D 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	2	
	Complementary counter 2 maximum stored at - 15	D5 8D 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	2	
	Complementary counter 2 maximum stored at - 16	95 8E 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	2	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 2 maximum stored at - 17	D5 8E 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	317	0	2	
	Complementary counter 2 maximum stored at - 18	95 8F 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	318	0	2	
	Complementary counter 2 maximum stored at - 19	D5 8F 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	319	0	2	
	Complementary counter 2 maximum stored at - 20	95 80 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	320	0	2	
	Complementary counter 2 maximum stored at - 21	D5 80 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	321	0	2	
	Complementary counter 2 maximum stored at - 22	95 81 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	322	0	2	
	Complementary counter 2 maximum stored at - 23	D5 81 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	323	0	2	
	Complementary counter 2 maximum stored at - 24	95 82 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	324	0	2	
	Complementary counter 2 maximum stored at - 25	D5 82 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	2	
	Complementary counter 2 maximum stored at - 26	95 83 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	2	
	Complementary counter 2 maximum stored at - 27	D5 83 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	2	
	Complementary counter 2 maximum stored at - 28	95 84 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	2	
	Complementary counter 2 maximum stored at - 29	D5 84 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	2	
	Complementary counter 2 maximum stored at - 30	95 85 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	2	
	Complementary counter 2 maximum stored at - 31	D5 85 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	2	
	Complementary counter 2 maximum stored at - 32	95 86 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	2	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stor*	*Tar*	*De*	*Value Info*
	Complementary counter 2 maximum date/time stored at - 1	C4 86 49,6D,xx xx xx xx	8	F, 32 bits	0	301	0	2	
	Complementary counter 2 maximum date/time stored at - 2	84 87 49,6D,xx xx xx xx	8	F, 32 bits	0	302	0	2	
	Complementary counter 2 maximum date/time stored at - 3	C4 87 49,6D,xx xx xx xx	8	F, 32 bits	0	303	0	2	
	Complementary counter 2 maximum date/time stored at - 4	84 88 49,6D,xx xx xx xx	8	F, 32 bits	0	304	0	2	
	Complementary counter 2 maximum date/time stored at - 5	C4 88 49,6D,xx xx xx xx	8	F, 32 bits	0	305	0	2	
	Complementary counter 2 maximum date/time stored at - 6	84 89 49,6D,xx xx xx xx	8	F, 32 bits	0	306	0	2	
	Complementary counter 2 maximum date/time stored at - 7	C4 89 49,6D,xx xx xx xx	8	F, 32 bits	0	307	0	2	
	Complementary counter 2 maximum date/time stored at - 8	84 8A 49,6D,xx xx xx xx	8	F, 32 bits	0	308	0	2	
	Complementary counter 2 maximum date/time stored at - 9	C4 8A 49,6D,xx xx xx xx	8	F, 32 bits	0	309	0	2	
	Complementary counter 2 maximum date/time stored at - 10	84 8B 49,6D,xx xx xx xx	8	F, 32 bits	0	310	0	2	
	Complementary counter 2 maximum date/time stored at - 11	C4 8B 49,6D,xx xx xx xx	8	F, 32 bits	0	311	0	2	
	Complementary counter 2 maximum date/time stored at - 12	84 8C 49,6D,xx xx xx xx	8	F, 32 bits	0	312	0	2	
	Complementary counter 2 maximum date/time stored at - 13	C4 8C 49,6D,xx xx xx xx	8	F, 32 bits	0	313	0	2	
	Complementary counter 2 maximum date/time stored at - 14	84 8D 49,6D,xx xx xx xx	8	F, 32 bits	0	314	0	2	
	Complementary counter 2 maximum date/time stored at - 15	C4 8D 49,6D,xx xx xx xx	8	F, 32 bits	0	315	0	2	
	Complementary counter 2 maximum date/time stored at - 16	84 8E 49,6D,xx xx xx xx	8	F, 32 bits	0	316	0	2	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stor*	*Tar*	*De*	*Value Info*
	Complementary counter 2 maximum date/time stored at - 17	C4 8E 49,6D,xx xx xx xx	8	F, 32 bits	0	317	0	2	
	Complementary counter 2 maximum date/time stored at - 18	84 8F 49,6D,xx xx xx xx	8	F, 32 bits	0	318	0	2	
	Complementary counter 2 maximum date/time stored at - 19	C4 8F 49,6D,xx xx xx xx	8	F, 32 bits	0	319	0	2	
	Complementary counter 2 maximum date/time stored at - 20	84 80 4A,6D,xx xx xx xx	8	F, 32 bits	0	320	0	2	
	Complementary counter 2 maximum date/time stored at - 21	C4 80 4A,6D,xx xx xx xx	8	F, 32 bits	0	321	0	2	
	Complementary counter 2 maximum date/time stored at - 22	84 81 4A,6D,xx xx xx xx	8	F, 32 bits	0	322	0	2	
	Complementary counter 2 maximum date/time stored at - 23	C4 81 4A,6D,xx xx xx xx	8	F, 32 bits	0	323	0	2	
	Complementary counter 2 maximum date/time stored at - 24	84 82 4A,6D,xx xx xx xx	8	F, 32 bits	0	324	0	2	
	Complementary counter 2 maximum date/time stored at - 25	C4 82 4A,6D,xx xx xx xx	8	F, 32 bits	0	325	0	2	
	Complementary counter 2 maximum date/time stored at - 26	84 83 4A,6D,xx xx xx xx	8	F, 32 bits	0	326	0	2	
	Complementary counter 2 maximum date/time stored at - 27	C4 83 4A,6D,xx xx xx xx	8	F, 32 bits	0	327	0	2	
	Complementary counter 2 maximum date/time stored at - 28	84 84 4A,6D,xx xx xx xx	8	F, 32 bits	0	328	0	2	
	Complementary counter 2 maximum date/time stored at - 29	C4 84 4A,6D,xx xx xx xx	8	F, 32 bits	0	329	0	2	
	Complementary counter 2 maximum date/time stored at - 30	84 85 4A,6D,xx xx xx xx	8	F, 32 bits	0	330	0	2	
	Complementary counter 2 maximum date/time stored at - 31	C4 85 4A,6D,xx xx xx xx	8	F, 32 bits	0	331	0	2	
	Complementary counter 2 maximum date/time stored at - 32	84 86 4A,6D,xx xx xx xx	8	F, 32 bits	0	332	0	2	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 maximum stored at - 1	D5 C6 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	301	0	3	
	Complementary counter 3 maximum stored at - 2	95 C7 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	302	0	3	
	Complementary counter 3 maximum stored at - 3	D5 C7 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	303	0	3	
	Complementary counter 3 maximum stored at - 4	95 C8 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	304	0	3	
	Complementary counter 3 maximum stored at - 5	D5 C8 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	305	0	3	
	Complementary counter 3 maximum stored at - 6	95 C9 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	306	0	3	
	Complementary counter 3 maximum stored at - 7	D5 C9 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	307	0	3	
	Complementary counter 3 maximum stored at - 8	95 CA 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	308	0	3	
	Complementary counter 3 maximum stored at - 9	D5 CA 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	3	
	Complementary counter 3 maximum stored at - 10	95 CB 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	3	
	Complementary counter 3 maximum stored at - 11	D5 CB 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	3	
	Complementary counter 3 maximum stored at - 12	95 CC 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	3	
	Complementary counter 3 maximum stored at - 13	D5 CC 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	3	
	Complementary counter 3 maximum stored at - 14	95 CD 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	3	
	Complementary counter 3 maximum stored at - 15	D5 CD 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	3	
	Complementary counter 3 maximum stored at - 16	95 CE 49,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 3 maximum stored at - 17	D5 CE 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	317	0	3	
	Complementary counter 3 maximum stored at - 18	95 CF 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	318	0	3	
	Complementary counter 3 maximum stored at - 19	D5 CF 49,ci ci,xx xx xx xx	9	H, 32 bits	Max	319	0	3	
	Complementary counter 3 maximum stored at - 20	95 C0 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	320	0	3	
	Complementary counter 3 maximum stored at - 21	D5 C0 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	321	0	3	
	Complementary counter 3 maximum stored at - 22	95 C1 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	322	0	3	
	Complementary counter 3 maximum stored at - 23	D5 C1 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	323	0	3	
	Complementary counter 3 maximum stored at - 24	95 C2 4A,ci ci,xx xx xx xx	9	H, 32 bits	Max	324	0	3	
	Complementary counter 3 maximum stored at - 25	D5 C2 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	3	
	Complementary counter 3 maximum stored at - 26	95 C3 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	3	
	Complementary counter 3 maximum stored at - 27	D5 C3 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	3	
	Complementary counter 3 maximum stored at - 28	95 C4 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	3	
	Complementary counter 3 maximum stored at - 29	D5 C4 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	3	
	Complementary counter 3 maximum stored at - 30	95 C5 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	3	
	Complementary counter 3 maximum stored at - 31	D5 C5 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	3	
	Complementary counter 3 maximum stored at - 32	95 C6 4A,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 3 maximum date/time stored at - 1	C4 C6 49,6D,xx xx xx xx	8	F, 32 bits	0	301	0	3	
	Complementary counter 3 maximum date/time stored at - 2	84 C7 49,6D,xx xx xx xx	8	F, 32 bits	0	302	0	3	
	Complementary counter 3 maximum date/time stored at - 3	C4 C7 49,6D,xx xx xx xx	8	F, 32 bits	0	303	0	3	
	Complementary counter 3 maximum date/time stored at - 4	84 C8 49,6D,xx xx xx xx	8	F, 32 bits	0	304	0	3	
	Complementary counter 3 maximum date/time stored at - 5	C4 C8 49,6D,xx xx xx xx	8	F, 32 bits	0	305	0	3	
	Complementary counter 3 maximum date/time stored at - 6	84 C9 49,6D,xx xx xx xx	8	F, 32 bits	0	306	0	3	
	Complementary counter 3 maximum date/time stored at - 7	C4 C9 49,6D,xx xx xx xx	8	F, 32 bits	0	307	0	3	
	Complementary counter 3 maximum date/time stored at - 8	84 CA 49,6D,xx xx xx xx	8	F, 32 bits	0	308	0	3	
	Complementary counter 3 maximum date/time stored at - 9	C4 CA 49,6D,xx xx xx xx	8	F, 32 bits	0	309	0	3	
	Complementary counter 3 maximum date/time stored at - 10	84 CB 49,6D,xx xx xx xx	8	F, 32 bits	0	310	0	3	
	Complementary counter 3 maximum date/time stored at - 11	C4 CB 49,6D,xx xx xx xx	8	F, 32 bits	0	311	0	3	
	Complementary counter 3 maximum date/time stored at - 12	84 CC 49,6D,xx xx xx xx	8	F, 32 bits	0	312	0	3	
	Complementary counter 3 maximum date/time stored at - 13	C4 CC 49,6D,xx xx xx xx	8	F, 32 bits	0	313	0	3	
	Complementary counter 3 maximum date/time stored at - 14	84 CD 49,6D,xx xx xx xx	8	F, 32 bits	0	314	0	3	
	Complementary counter 3 maximum date/time stored at - 15	C4 CD 49,6D,xx xx xx xx	8	F, 32 bits	0	315	0	3	
	Complementary counter 3 maximum date/time stored at - 16	84 CE 49,6D,xx xx xx xx	8	F, 32 bits	0	316	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 3 maximum date/time stored at - 17	C4 CE 49,6D,xx xx xx xx	8	F, 32 bits	0	317	0	3	
	Complementary counter 3 maximum date/time stored at - 18	84 CF 49,6D,xx xx xx xx	8	F, 32 bits	0	318	0	3	
	Complementary counter 3 maximum date/time stored at - 19	C4 CF 49,6D,xx xx xx xx	8	F, 32 bits	0	319	0	3	
	Complementary counter 3 maximum date/time stored at - 20	84 C0 4A,6D,xx xx xx xx	8	F, 32 bits	0	320	0	3	
	Complementary counter 3 maximum date/time stored at - 21	C4 C0 4A,6D,xx xx xx xx	8	F, 32 bits	0	321	0	3	
	Complementary counter 3 maximum date/time stored at - 22	84 C1 4A,6D,xx xx xx xx	8	F, 32 bits	0	322	0	3	
	Complementary counter 3 maximum date/time stored at - 23	C4 C1 4A,6D,xx xx xx xx	8	F, 32 bits	0	323	0	3	
	Complementary counter 3 maximum date/time stored at - 24	84 C2 4A,6D,xx xx xx xx	8	F, 32 bits	0	324	0	3	
	Complementary counter 3 maximum date/time stored at - 25	C4 C2 4A,6D,xx xx xx xx	8	F, 32 bits	0	325	0	3	
	Complementary counter 3 maximum date/time stored at - 26	84 C3 4A,6D,xx xx xx xx	8	F, 32 bits	0	326	0	3	
	Complementary counter 3 maximum date/time stored at - 27	C4 C3 4A,6D,xx xx xx xx	8	F, 32 bits	0	327	0	3	
	Complementary counter 3 maximum date/time stored at - 28	84 C4 4A,6D,xx xx xx xx	8	F, 32 bits	0	328	0	3	
	Complementary counter 3 maximum date/time stored at - 29	C4 C4 4A,6D,xx xx xx xx	8	F, 32 bits	0	329	0	3	
	Complementary counter 3 maximum date/time stored at - 30	84 C5 4A,6D,xx xx xx xx	8	F, 32 bits	0	330	0	3	
	Complementary counter 3 maximum date/time stored at - 31	C4 C5 4A,6D,xx xx xx xx	8	F, 32 bits	0	331	0	3	
	Complementary counter 3 maximum date/time stored at - 32	84 C6 4A,6D,xx xx xx xx	8	F, 32 bits	0	332	0	3	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 maximum stored at - 1	D5 86 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	301	0	4	
	Complementary counter 4 maximum stored at - 2	95 87 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	302	0	4	
	Complementary counter 4 maximum stored at - 3	D5 87 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	303	0	4	
	Complementary counter 4 maximum stored at - 4	95 88 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	304	0	4	
	Complementary counter 4 maximum stored at - 5	D5 88 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	305	0	4	
	Complementary counter 4 maximum stored at - 6	95 89 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	306	0	4	
	Complementary counter 4 maximum stored at - 7	D5 89 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	307	0	4	
	Complementary counter 4 maximum stored at - 8	95 8A 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	308	0	4	
	Complementary counter 4 maximum stored at - 9	D5 8A 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	4	
	Complementary counter 4 maximum stored at - 10	95 8B 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	4	
	Complementary counter 4 maximum stored at - 11	D5 8B 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	4	
	Complementary counter 4 maximum stored at - 12	95 8C 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	4	
	Complementary counter 4 maximum stored at - 13	D5 8C 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	4	
	Complementary counter 4 maximum stored at - 14	95 8D 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	4	
	Complementary counter 4 maximum stored at - 15	D5 8D 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	4	
	Complementary counter 4 maximum stored at - 16	95 8E 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 4 maximum stored at - 17	D5 8E 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	317	0	4	
	Complementary counter 4 maximum stored at - 18	95 8F 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	318	0	4	
	Complementary counter 4 maximum stored at - 19	D5 8F 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	319	0	4	
	Complementary counter 4 maximum stored at - 20	95 80 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	320	0	4	
	Complementary counter 4 maximum stored at - 21	D5 80 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	321	0	4	
	Complementary counter 4 maximum stored at - 22	95 81 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	322	0	4	
	Complementary counter 4 maximum stored at - 23	D5 81 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	323	0	4	
	Complementary counter 4 maximum stored at - 24	95 82 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	324	0	4	
	Complementary counter 4 maximum stored at - 25	D5 82 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	4	
	Complementary counter 4 maximum stored at - 26	95 83 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	4	
	Complementary counter 4 maximum stored at - 27	D5 83 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	4	
	Complementary counter 4 maximum stored at - 28	95 84 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	4	
	Complementary counter 4 maximum stored at - 29	D5 84 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	4	
	Complementary counter 4 maximum stored at - 30	95 85 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	4	
	Complementary counter 4 maximum stored at - 31	D5 85 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	4	
	Complementary counter 4 maximum stored at - 32	95 86 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 4 maximum date/time stored at - 1	C4 86 89 40,6D,xx xx xx xx	8	F, 32 bits	0	301	0	4	
	Complementary counter 4 maximum date/time stored at - 2	84 87 89 40,6D,xx xx xx xx	8	F, 32 bits	0	302	0	4	
	Complementary counter 4 maximum date/time stored at - 3	C4 87 89 40,6D,xx xx xx xx	8	F, 32 bits	0	303	0	4	
	Complementary counter 4 maximum date/time stored at - 4	84 88 89 40,6D,xx xx xx xx	8	F, 32 bits	0	304	0	4	
	Complementary counter 4 maximum date/time stored at - 5	C4 88 89 40,6D,xx xx xx xx	8	F, 32 bits	0	305	0	4	
	Complementary counter 4 maximum date/time stored at - 6	84 89 89 40,6D,xx xx xx xx	8	F, 32 bits	0	306	0	4	
	Complementary counter 4 maximum date/time stored at - 7	C4 89 89 40,6D,xx xx xx xx	8	F, 32 bits	0	307	0	4	
	Complementary counter 4 maximum date/time stored at - 8	84 8A 89 40,6D,xx xx xx xx	8	F, 32 bits	0	308	0	4	
	Complementary counter 4 maximum date/time stored at - 9	C4 8A 89 40,6D,xx xx xx xx	9	F, 32 bits	0	309	0	4	
	Complementary counter 4 maximum date/time stored at - 10	84 8B 89 40,6D,xx xx xx xx	9	F, 32 bits	0	310	0	4	
	Complementary counter 4 maximum date/time stored at - 11	C4 8B 89 40,6D,xx xx xx xx	9	F, 32 bits	0	311	0	4	
	Complementary counter 4 maximum date/time stored at - 12	84 8C 89 40,6D,xx xx xx xx	9	F, 32 bits	0	312	0	4	
	Complementary counter 4 maximum date/time stored at - 13	C4 8C 89 40,6D,xx xx xx xx	9	F, 32 bits	0	313	0	4	
	Complementary counter 4 maximum date/time stored at - 14	84 8D 89 40,6D,xx xx xx xx	9	F, 32 bits	0	314	0	4	
	Complementary counter 4 maximum date/time stored at - 15	C4 8D 89 40,6D,xx xx xx xx	9	F, 32 bits	0	315	0	4	
	Complementary counter 4 maximum date/time stored at - 16	84 8E 89 40,6D,xx xx xx xx	9	F, 32 bits	0	316	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 4 maximum date/time stored at - 17	C4 8E 89 40,6D,xx xx xx xx	8	F, 32 bits	0	317	0	4	
	Complementary counter 4 maximum date/time stored at - 18	84 8F 89 40,6D,xx xx xx xx	8	F, 32 bits	0	318	0	4	
	Complementary counter 4 maximum date/time stored at - 19	C4 8F 89 40,6D,xx xx xx xx	8	F, 32 bits	0	319	0	4	
	Complementary counter 4 maximum date/time stored at - 20	84 80 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	320	0	4	
	Complementary counter 4 maximum date/time stored at - 21	C4 80 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	321	0	4	
	Complementary counter 4 maximum date/time stored at - 22	84 81 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	322	0	4	
	Complementary counter 4 maximum date/time stored at - 23	C4 81 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	323	0	4	
	Complementary counter 4 maximum date/time stored at - 24	84 82 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	324	0	4	
	Complementary counter 4 maximum date/time stored at - 25	C4 82 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	325	0	4	
	Complementary counter 4 maximum date/time stored at - 26	84 83 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	326	0	4	
	Complementary counter 4 maximum date/time stored at - 27	C4 83 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	327	0	4	
	Complementary counter 4 maximum date/time stored at - 28	84 84 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	328	0	4	
	Complementary counter 4 maximum date/time stored at - 29	C4 84 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	329	0	4	
	Complementary counter 4 maximum date/time stored at - 30	84 85 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	330	0	4	
	Complementary counter 4 maximum date/time stored at - 31	C4 85 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	331	0	4	
	Complementary counter 4 maximum date/time stored at - 32	84 86 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	332	0	4	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 maximum stored at - 1	D5 C6 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	301	0	5	
	Complementary counter 5 maximum stored at - 2	95 C7 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	302	0	5	
	Complementary counter 5 maximum stored at - 3	D5 C7 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	303	0	5	
	Complementary counter 5 maximum stored at - 4	95 C8 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	304	0	5	
	Complementary counter 5 maximum stored at - 5	D5 C8 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	305	0	5	
	Complementary counter 5 maximum stored at - 6	95 C9 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	306	0	5	
	Complementary counter 5 maximum stored at - 7	D5 C9 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	307	0	5	
	Complementary counter 5 maximum stored at - 8	95 CA 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	308	0	5	
	Complementary counter 5 maximum stored at - 9	D5 CA 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	5	
	Complementary counter 5 maximum stored at - 10	95 CB 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	5	
	Complementary counter 5 maximum stored at - 11	D5 CB 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	5	
	Complementary counter 5 maximum stored at - 12	95 CC 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	5	
	Complementary counter 5 maximum stored at - 13	D5 CC 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	5	
	Complementary counter 5 maximum stored at - 14	95 CD 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	5	
	Complementary counter 5 maximum stored at - 15	D5 CD 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	5	
	Complementary counter 5 maximum stored at - 16	95 CE 89 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	5	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 maximum stored at - 17	D5 CE 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	317	0	5	
	Complementary counter 5 maximum stored at - 18	95 CF 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	318	0	5	
	Complementary counter 5 maximum stored at - 19	D5 CF 89 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	319	0	5	
	Complementary counter 5 maximum stored at - 20	95 C0 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	320	0	5	
	Complementary counter 5 maximum stored at - 21	D5 C0 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	321	0	5	
	Complementary counter 5 maximum stored at - 22	95 C1 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	322	0	5	
	Complementary counter 5 maximum stored at - 23	D5 C1 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	323	0	5	
	Complementary counter 5 maximum stored at - 24	95 C2 8A 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	324	0	5	
	Complementary counter 5 maximum stored at - 25	D5 C2 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	5	
	Complementary counter 5 maximum stored at - 26	95 C3 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	5	
	Complementary counter 5 maximum stored at - 27	D5 C3 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	5	
	Complementary counter 5 maximum stored at - 28	95 C4 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	5	
	Complementary counter 5 maximum stored at - 29	D5 C4 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	5	
	Complementary counter 5 maximum stored at - 30	95 C5 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	5	
	Complementary counter 5 maximum stored at - 31	D5 C5 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	5	
	Complementary counter 5 maximum stored at - 32	95 C6 8A 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	5	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 5 maximum date/time stored at - 1	C4 C6 89 40,6D,xx xx xx xx	9	F, 32 bits	0	301	0	5	
	Complementary counter 5 maximum date/time stored at - 2	84 C7 89 40,6D,xx xx xx xx	9	F, 32 bits	0	302	0	5	
	Complementary counter 5 maximum date/time stored at - 3	C4 C7 89 40,6D,xx xx xx xx	9	F, 32 bits	0	303	0	5	
	Complementary counter 5 maximum date/time stored at - 4	84 C8 89 40,6D,xx xx xx xx	9	F, 32 bits	0	304	0	5	
	Complementary counter 5 maximum date/time stored at - 5	C4 C8 89 40,6D,xx xx xx xx	9	F, 32 bits	0	305	0	5	
	Complementary counter 5 maximum date/time stored at - 6	84 C9 89 40,6D,xx xx xx xx	9	F, 32 bits	0	306	0	5	
	Complementary counter 5 maximum date/time stored at - 7	C4 C9 89 40,6D,xx xx xx xx	9	F, 32 bits	0	307	0	5	
	Complementary counter 5 maximum date/time stored at - 8	84 CA 89 40,6D,xx xx xx xx	9	F, 32 bits	0	308	0	5	
	Complementary counter 5 maximum date/time stored at - 9	C4 CA 89 40,6D,xx xx xx xx	8	F, 32 bits	0	309	0	5	
	Complementary counter 5 maximum date/time stored at - 10	84 CB 89 40,6D,xx xx xx xx	8	F, 32 bits	0	310	0	5	
	Complementary counter 5 maximum date/time stored at - 11	C4 CB 89 40,6D,xx xx xx xx	8	F, 32 bits	0	311	0	5	
	Complementary counter 5 maximum date/time stored at - 12	84 CC 89 40,6D,xx xx xx xx	8	F, 32 bits	0	312	0	5	
	Complementary counter 5 maximum date/time stored at - 13	C4 CC 89 40,6D,xx xx xx xx	8	F, 32 bits	0	313	0	5	
	Complementary counter 5 maximum date/time stored at - 14	84 CD 89 40,6D,xx xx xx xx	8	F, 32 bits	0	314	0	5	
	Complementary counter 5 maximum date/time stored at - 15	C4 CD 89 40,6D,xx xx xx xx	8	F, 32 bits	0	315	0	5	
	Complementary counter 5 maximum date/time stored at - 16	84 CE 89 40,6D,xx xx xx xx	8	F, 32 bits	0	316	0	5	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 5 maximum date/time stored at - 17	C4 CE 89 40,6D,xx xx xx xx	9	F, 32 bits	0	317	0	5	
	Complementary counter 5 maximum date/time stored at - 18	84 CF 89 40,6D,xx xx xx xx	9	F, 32 bits	0	318	0	5	
	Complementary counter 5 maximum date/time stored at - 19	C4 CF 89 40,6D,xx xx xx xx	9	F, 32 bits	0	319	0	5	
	Complementary counter 5 maximum date/time stored at - 20	84 C0 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	320	0	5	
	Complementary counter 5 maximum date/time stored at - 21	C4 C0 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	321	0	5	
	Complementary counter 5 maximum date/time stored at - 22	84 C1 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	322	0	5	
	Complementary counter 5 maximum date/time stored at - 23	C4 C1 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	323	0	5	
	Complementary counter 5 maximum date/time stored at - 24	84 C2 8A 40,6D,xx xx xx xx	9	F, 32 bits	0	324	0	5	
	Complementary counter 5 maximum date/time stored at - 25	C4 C2 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	325	0	5	
	Complementary counter 5 maximum date/time stored at - 26	84 C3 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	326	0	5	
	Complementary counter 5 maximum date/time stored at - 27	C4 C3 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	327	0	5	
	Complementary counter 5 maximum date/time stored at - 28	84 C4 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	328	0	5	
	Complementary counter 5 maximum date/time stored at - 29	C4 C4 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	329	0	5	
	Complementary counter 5 maximum date/time stored at - 30	84 C5 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	330	0	5	
	Complementary counter 5 maximum date/time stored at - 31	C4 C5 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	331	0	5	
	Complementary counter 5 maximum date/time stored at - 32	84 C6 8A 40,6D,xx xx xx xx	8	F, 32 bits	0	332	0	5	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 maximum stored at - 1	D5 86 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	301	0	6	
	Complementary counter 6 maximum stored at - 2	95 87 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	302	0	6	
	Complementary counter 6 maximum stored at - 3	D5 87 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	303	0	6	
	Complementary counter 6 maximum stored at - 4	95 88 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	304	0	6	
	Complementary counter 6 maximum stored at - 5	D5 88 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	305	0	6	
	Complementary counter 6 maximum stored at - 6	95 89 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	306	0	6	
	Complementary counter 6 maximum stored at - 7	D5 89 C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	307	0	6	
	Complementary counter 6 maximum stored at - 8	95 8A C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	308	0	6	
	Complementary counter 6 maximum stored at - 9	D5 8A C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	309	0	6	
	Complementary counter 6 maximum stored at - 10	95 8B C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	310	0	6	
	Complementary counter 6 maximum stored at - 11	D5 8B C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	311	0	6	
	Complementary counter 6 maximum stored at - 12	95 8C C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	312	0	6	
	Complementary counter 6 maximum stored at - 13	D5 8C C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	313	0	6	
	Complementary counter 6 maximum stored at - 14	95 8D C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	314	0	6	
	Complementary counter 6 maximum stored at - 15	D5 8D C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	315	0	6	
	Complementary counter 6 maximum stored at - 16	95 8E C9 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	316	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 6 maximum stored at - 17	D5 8E C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	317	0	6	
	Complementary counter 6 maximum stored at - 18	95 8F C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	318	0	6	
	Complementary counter 6 maximum stored at - 19	D5 8F C9 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	319	0	6	
	Complementary counter 6 maximum stored at - 20	95 80 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	320	0	6	
	Complementary counter 6 maximum stored at - 21	D5 80 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	321	0	6	
	Complementary counter 6 maximum stored at - 22	95 81 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	322	0	6	
	Complementary counter 6 maximum stored at - 23	D5 81 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	323	0	6	
	Complementary counter 6 maximum stored at - 24	95 82 CA 40,ci ci,xx xx xx xx	10	H, 32 bits	Max	324	0	6	
	Complementary counter 6 maximum stored at - 25	D5 82 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	325	0	6	
	Complementary counter 6 maximum stored at - 26	95 83 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	326	0	6	
	Complementary counter 6 maximum stored at - 27	D5 83 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	327	0	6	
	Complementary counter 6 maximum stored at - 28	95 84 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	328	0	6	
	Complementary counter 6 maximum stored at - 29	D5 84 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	329	0	6	
	Complementary counter 6 maximum stored at - 30	95 85 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	330	0	6	
	Complementary counter 6 maximum stored at - 31	D5 85 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	331	0	6	
	Complementary counter 6 maximum stored at - 32	95 86 CA 40,ci ci,xx xx xx xx	8	H, 32 bits	Max	332	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*Dev*	*Value Info*
	Complementary counter 6 maximum date/time stored at - 1	C4 86 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	301	0	6	
	Complementary counter 6 maximum date/time stored at - 2	84 87 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	302	0	6	
	Complementary counter 6 maximum date/time stored at - 3	C4 87 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	303	0	6	
	Complementary counter 6 maximum date/time stored at - 4	84 88 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	304	0	6	
	Complementary counter 6 maximum date/time stored at - 5	C4 88 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	305	0	6	
	Complementary counter 6 maximum date/time stored at - 6	84 89 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	306	0	6	
	Complementary counter 6 maximum date/time stored at - 7	C4 89 C9 40,6D,xx xx xx xx	8	F, 32 bits	0	307	0	6	
	Complementary counter 6 maximum date/time stored at - 8	84 8A C9 40,6D,xx xx xx xx	8	F, 32 bits	0	308	0	6	
	Complementary counter 6 maximum date/time stored at - 9	C4 8A C9 40,6D,xx xx xx xx	9	F, 32 bits	0	309	0	6	
	Complementary counter 6 maximum date/time stored at - 10	84 8B C9 40,6D,xx xx xx xx	9	F, 32 bits	0	310	0	6	
	Complementary counter 6 maximum date/time stored at - 11	C4 8B C9 40,6D,xx xx xx xx	9	F, 32 bits	0	311	0	6	
	Complementary counter 6 maximum date/time stored at - 12	84 8C C9 40,6D,xx xx xx xx	9	F, 32 bits	0	312	0	6	
	Complementary counter 6 maximum date/time stored at - 13	C4 8C C9 40,6D,xx xx xx xx	9	F, 32 bits	0	313	0	6	
	Complementary counter 6 maximum date/time stored at - 14	84 8D C9 40,6D,xx xx xx xx	9	F, 32 bits	0	314	0	6	
	Complementary counter 6 maximum date/time stored at - 15	C4 8D C9 40,6D,xx xx xx xx	9	F, 32 bits	0	315	0	6	
	Complementary counter 6 maximum date/time stored at - 16	84 8E C9 40,6D,xx xx xx xx	9	F, 32 bits	0	316	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Func*	*Stora*	*Tar*	*De*	*Value Info*
	Complementary counter 6 maximum date/time stored at - 17	C4 8E C9 40,6D,xx xx xx xx	8	F, 32 bits	0	317	0	6	
	Complementary counter 6 maximum date/time stored at - 18	84 8F C9 40,6D,xx xx xx xx	8	F, 32 bits	0	318	0	6	
	Complementary counter 6 maximum date/time stored at - 19	C4 8F C9 40,6D,xx xx xx xx	8	F, 32 bits	0	319	0	6	
	Complementary counter 6 maximum date/time stored at - 20	84 80 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	320	0	6	
	Complementary counter 6 maximum date/time stored at - 21	C4 80 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	321	0	6	
	Complementary counter 6 maximum date/time stored at - 22	84 81 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	322	0	6	
	Complementary counter 6 maximum date/time stored at - 23	C4 81 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	323	0	6	
	Complementary counter 6 maximum date/time stored at - 24	84 82 CA 40,6D,xx xx xx xx	8	F, 32 bits	0	324	0	6	
	Complementary counter 6 maximum date/time stored at - 25	C4 82 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	325	0	6	
	Complementary counter 6 maximum date/time stored at - 26	84 83 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	326	0	6	
	Complementary counter 6 maximum date/time stored at - 27	C4 83 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	327	0	6	
	Complementary counter 6 maximum date/time stored at - 28	84 84 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	328	0	6	
	Complementary counter 6 maximum date/time stored at - 29	C4 84 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	329	0	6	
	Complementary counter 6 maximum date/time stored at - 30	84 85 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	330	0	6	
	Complementary counter 6 maximum date/time stored at - 31	C4 85 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	331	0	6	
	Complementary counter 6 maximum date/time stored at - 32	84 86 CA 40,6D,xx xx xx xx	9	F, 32 bits	0	332	0	6	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification numbe	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Funct*	*Storag*	*Tariff*	*Dev*	*Value Info*
	Error stored at - 1	F2 88 0C,FD 17,xx xx	7	D, 16 bits	Err	401	0	0	
	Error stored at - 2	B2 89 0C,FD 17,xx xx	7	D, 16 bits	Err	402	0	0	
	Error stored at - 3	F2 89 0C,FD 17,xx xx	7	D, 16 bits	Err	403	0	0	
	Error stored at - 4	B2 8A 0C,FD 17,xx xx	7	D, 16 bits	Err	404	0	0	
	Error stored at - 5	F2 8A 0C,FD 17,xx xx	7	D, 16 bits	Err	405	0	0	
	Error stored at - 6	B2 8B 0C,FD 17,xx xx	7	D, 16 bits	Err	406	0	0	
	Error stored at - 7	F2 8B 0C,FD 17,xx xx	7	D, 16 bits	Err	407	0	0	
	Error stored at - 8	B2 8C 0C,FD 17,xx xx	7	D, 16 bits	Err	408	0	0	
	Error stored at - 9	F2 8C 0C,FD 17,xx xx	7	D, 16 bits	Err	409	0	0	
	Error stored at - 10	B2 8D 0C,FD 17,xx xx	7	D, 16 bits	Err	410	0	0	
	Error stored at - 11	F2 8D 0C,FD 17,xx xx	7	D, 16 bits	Err	411	0	0	
	Error stored at - 12	B2 8E 0C,FD 17,xx xx	7	D, 16 bits	Err	412	0	0	
	Error stored at - 13	F2 8E 0C,FD 17,xx xx	7	D, 16 bits	Err	413	0	0	
	Error stored at - 14	B2 8F 0C,FD 17,xx xx	7	D, 16 bits	Err	414	0	0	
	Error stored at - 15	F2 8F 0C,FD 17,xx xx	7	D, 16 bits	Err	415	0	0	
	Error stored at - 16	B2 80 0D,FD 17,xx xx	7	D, 16 bits	Err	416	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Stora*	*Tar*	*De*	*Value Info*
	Error stored at - 17	F2 80 0D,FD 17,xx xx	7	D, 16 bits	Err	417	0	0	
	Error stored at - 18	B2 81 0D,FD 17,xx xx	7	D, 16 bits	Err	418	0	0	
	Error stored at - 19	F2 81 0D,FD 17,xx xx	7	D, 16 bits	Err	419	0	0	
	Error stored at - 20	B2 82 0D,FD 17,xx xx	7	D, 16 bits	Err	420	0	0	
	Error stored at - 21	F2 82 0D,FD 17,xx xx	7	D, 16 bits	Err	421	0	0	
	Error stored at - 22	B2 83 0D,FD 17,xx xx	7	D, 16 bits	Err	422	0	0	
	Error stored at - 23	F2 83 0D,FD 17,xx xx	7	D, 16 bits	Err	423	0	0	
	Error stored at - 24	B2 84 0D,FD 17,xx xx	7	D, 16 bits	Err	424	0	0	
	Error stored at - 25	F2 84 0D,FD 17,xx xx	7	D, 16 bits	Err	425	0	0	
	Error stored at - 26	B2 85 0D,FD 17,xx xx	7	D, 16 bits	Err	426	0	0	
	Error stored at - 27	F2 85 0D,FD 17,xx xx	7	D, 16 bits	Err	427	0	0	
	Error stored at - 28	B2 86 0D,FD 17,xx xx	7	D, 16 bits	Err	428	0	0	
	Error stored at - 29	F2 86 0D,FD 17,xx xx	7	D, 16 bits	Err	429	0	0	
	Error stored at - 30	B2 87 0D,FD 17,xx xx	7	D, 16 bits	Err	430	0	0	
	Error stored at - 31	F2 87 0D,FD 17,xx xx	7	D, 16 bits	Err	431	0	0	
	Error stored at - 32	B2 88 0D,FD 17,xx xx	7	D, 16 bits	Err	432	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Stora*	*Tar*	*De*	*Value Info*
	Error duration at -1	F4 88 0C,71,xx xx xx xx	8	B, 32 bits	Err	401	0	0	
	Error duration at -2	B4 89 0C,71,xx xx xx xx	8	B, 32 bits	Err	402	0	0	
	Error duration at -3	F4 89 0C,71,xx xx xx xx	8	B, 32 bits	Err	403	0	0	
	Error duration at -4	B4 8A 0C,71,xx xx xx xx	8	B, 32 bits	Err	404	0	0	
	Error duration at -5	F4 8A 0C,71,xx xx xx xx	8	B, 32 bits	Err	405	0	0	
	Error duration at -6	B4 8B 0C,71,xx xx xx xx	8	B, 32 bits	Err	406	0	0	
	Error duration at -7	F4 8B 0C,71,xx xx xx xx	8	B, 32 bits	Err	407	0	0	
	Error duration at -8	B4 8C 0C,71,xx xx xx xx	8	B, 32 bits	Err	408	0	0	
	Error duration at -9	F4 8C 0C,71,xx xx xx xx	8	B, 32 bits	Err	409	0	0	
	Error duration at -10	B4 8D 0C,71,xx xx xx xx	8	B, 32 bits	Err	410	0	0	
	Error duration at -11	F4 8D 0C,71,xx xx xx xx	8	B, 32 bits	Err	411	0	0	
	Error duration at -12	B4 8E 0C,71,xx xx xx xx	8	B, 32 bits	Err	412	0	0	
	Error duration at -13	F4 8E 0C,71,xx xx xx xx	8	B, 32 bits	Err	413	0	0	
	Error duration at -14	B4 8F 0C,71,xx xx xx xx	8	B, 32 bits	Err	414	0	0	
	Error duration at -15	F4 8F 0C,71,xx xx xx xx	8	B, 32 bits	Err	415	0	0	
	Error duration at -16	B4 80 0D,71,xx xx xx xx	8	B, 32 bits	Err	416	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Stora*	*Tar*	*De*	*Value Info*
	Error duration at -17	F4 80 0D,71,xx xx xx xx	8	B, 32 bits	Err	417	0	0	
	Error duration at -18	B4 81 0D,71,xx xx xx xx	8	B, 32 bits	Err	418	0	0	
	Error duration at -19	F4 81 0D,71,xx xx xx xx	8	B, 32 bits	Err	419	0	0	
	Error duration at -20	B4 82 0D,71,xx xx xx xx	8	B, 32 bits	Err	420	0	0	
	Error duration at -21	F4 82 0D,71,xx xx xx xx	8	B, 32 bits	Err	421	0	0	
	Error duration at -22	B4 83 0D,71,xx xx xx xx	8	B, 32 bits	Err	422	0	0	
	Error duration at -23	F4 83 0D,71,xx xx xx xx	8	B, 32 bits	Err	423	0	0	
	Error duration at -24	B4 84 0D,71,xx xx xx xx	8	B, 32 bits	Err	424	0	0	
	Error duration at -25	F4 84 0D,71,xx xx xx xx	8	B, 32 bits	Err	425	0	0	
	Error duration at -26	B4 85 0D,71,xx xx xx xx	8	B, 32 bits	Err	426	0	0	
	Error duration at -27	F4 85 0D,71,xx xx xx xx	8	B, 32 bits	Err	427	0	0	
	Error duration at -28	B4 86 0D,71,xx xx xx xx	8	B, 32 bits	Err	428	0	0	
	Error duration at -29	F4 86 0D,71,xx xx xx xx	8	B, 32 bits	Err	429	0	0	
	Error duration at -30	B4 87 0D,71,xx xx xx xx	8	B, 32 bits	Err	430	0	0	
	Error duration at -31	F4 87 0D,71,xx xx xx xx	8	B, 32 bits	Err	431	0	0	
	Error duration at -32	B4 88 0D,71,xx xx xx xx	8	B, 32 bits	Err	432	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Stora*	*Tar*	*De*	*Value Info*
	Error start date time at -1	F4 88 0C,6D,xx xx xx xx	8	F, 32 bits	Err	401	0	0	
	Error start date time at -2	B4 89 0C,6D,xx xx xx xx	8	F, 32 bits	Err	402	0	0	
	Error start date time at -3	F4 89 0C,6D,xx xx xx xx	8	F, 32 bits	Err	403	0	0	
	Error start date time at -4	B4 8A 0C,6D,xx xx xx xx	8	F, 32 bits	Err	404	0	0	
	Error start date time at -5	F4 8A 0C,6D,xx xx xx xx	8	F, 32 bits	Err	405	0	0	
	Error start date time at -6	B4 8B 0C,6D,xx xx xx xx	8	F, 32 bits	Err	406	0	0	
	Error start date time at -7	F4 8B 0C,6D,xx xx xx xx	8	F, 32 bits	Err	407	0	0	
	Error start date time at -8	B4 8C 0C,6D,xx xx xx xx	8	F, 32 bits	Err	408	0	0	
	Error start date time at -9	F4 8C 0C,6D,xx xx xx xx	8	F, 32 bits	Err	409	0	0	
	Error start date time at -10	B4 8D 0C,6D,xx xx xx xx	8	F, 32 bits	Err	410	0	0	
	Error start date time at -11	F4 8D 0C,6D,xx xx xx xx	8	F, 32 bits	Err	411	0	0	
	Error start date time at -12	B4 8E 0C,6D,xx xx xx xx	8	F, 32 bits	Err	412	0	0	
	Error start date time at -13	F4 8E 0C,6D,xx xx xx xx	8	F, 32 bits	Err	413	0	0	
	Error start date time at -14	B4 8F 0C,6D,xx xx xx xx	8	F, 32 bits	Err	414	0	0	
	Error start date time at -15	F4 8F 0C,6D,xx xx xx xx	8	F, 32 bits	Err	415	0	0	
	Error start date time at -16	B4 80 0D,6D,xx xx xx xx	8	F, 32 bits	Err	416	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Bytes						
Header	Start, **L**ength	"68,Le Le,68"	4						
	Control	08	1	Respond with user data, RSP_UD					
	Address	xx	1						
	Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)					
User Data Header			0	*Coding*					
	Identification number	xx xx xx xx	4	A, 32 bits					
	Manufacturer ID	EE 4D	2	C, 16 bits					
	Version of meter	0E	1	C, 8 bits					
	Device type	dt	1	D, 8 bits					
	Access number	xx	1	C, 8 bits					
	Status	st	1	Ds, 8 bits					
	Signature (not used)	00 00	2	C, 16 bits					
User Data Records			0	*Coding*	*Fur*	*Stora*	*Tar*	*De*	*Value Info*
	Error start date time at -17	F4 80 0D,6D,xx xx xx xx	8	F, 32 bits	Err	417	0	0	
	Error start date time at -18	B4 81 0D,6D,xx xx xx xx	8	F, 32 bits	Err	418	0	0	
	Error start date time at -19	F4 81 0D,6D,xx xx xx xx	8	F, 32 bits	Err	419	0	0	
	Error start date time at -20	B4 82 0D,6D,xx xx xx xx	8	F, 32 bits	Err	420	0	0	
	Error start date time at -21	F4 82 0D,6D,xx xx xx xx	8	F, 32 bits	Err	421	0	0	
	Error start date time at -22	B4 83 0D,6D,xx xx xx xx	8	F, 32 bits	Err	422	0	0	
	Error start date time at -23	F4 83 0D,6D,xx xx xx xx	8	F, 32 bits	Err	423	0	0	
	Error start date time at -24	B4 84 0D,6D,xx xx xx xx	8	F, 32 bits	Err	424	0	0	
	Error start date time at -25	F4 84 0D,6D,xx xx xx xx	8	F, 32 bits	Err	425	0	0	
	Error start date time at -26	B4 85 0D,6D,xx xx xx xx	8	F, 32 bits	Err	426	0	0	
	Error start date time at -27	F4 85 0D,6D,xx xx xx xx	8	F, 32 bits	Err	427	0	0	
	Error start date time at -28	B4 86 0D,6D,xx xx xx xx	8	F, 32 bits	Err	428	0	0	
	Error start date time at -29	F4 86 0D,6D,xx xx xx xx	8	F, 32 bits	Err	429	0	0	
	Error start date time at -30	B4 87 0D,6D,xx xx xx xx	8	F, 32 bits	Err	430	0	0	
	Error start date time at -31	F4 87 0D,6D,xx xx xx xx	8	F, 32 bits	Err	431	0	0	
	Error start date time at -32	B4 88 0D,6D,xx xx xx xx	8	F, 32 bits	Err	432	0	0	
	More records in next telegram	mo	1	Start of manufacturer specific data					
End	**C**heck **S**um	cs	1						
	Stop	16	1						

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	SubUnit	Tariff	Storage	Fu	Parent tag
Start	Start, Length	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control Information	B7		Manufacturer specific						
	Frame version	01	C, 8 bits							<Records>
	Frame index	01	C, 8 bits							
	Measured media	md	D, 8 bits							
	Present options	o1 o2 o3 o4	A, 32 bits							
	Detailed errors	er er	D, 16 bits							
	Fabrication Number M E T	xx xx xx xx	A, 32 bits							
	Fabrication Number M I O	xx xx xx xx	A, 32 bits							
	Current date & time	xx xx xx xx	F, 32 bits							
	Power	xx xx xx xx	H, 32 bits	[W]						
	Flow	xx xx xx xx	H, 32 bits	[m3/h]						
	Energy totalizer heating	xx xx xx xx	B, 32 bits							
	Energy unit	ue	C, 8 bits							
	Volume totalizer	xx xx xx xx	B, 32 bits							
	Volume unit	uv	C, 8 bits							
	Energy totalizer tarif 1	xx xx xx xx	B, 32 bits							
	Energy totalizer tarif 2	xx xx xx xx	B, 32 bits							
	Identification counter 1	xx xx xx xx	A, 32 bits							
	Complementary counter 1 totalizer	xx xx xx xx	B, 32 bits							
	Counter 1 unit	ua	C, 8 bits							
	Identification counter 2	xx xx xx xx	A, 32 bits							
	Complementary counter 2 totalizer	xx xx xx xx	B, 32 bits							
	Counter 2 unit	ua	C, 8 bits							
	Energy totalizer stored at ST1	xx xx xx xx	B, 32 bits							
	Energy stored at month - 1	xx xx xx xx	B, 32 bits							
	Energy stored at month - 2	xx xx xx xx	B, 32 bits							
	Energy stored at month - 3	xx xx xx xx	B, 32 bits							
	Energy stored at month - 4	xx xx xx xx	B, 32 bits							
	Energy stored at month - 5	xx xx xx xx	B, 32 bits							
	Energy stored at month - 6	xx xx xx xx	B, 32 bits							
	Energy stored at month - 7	xx xx xx xx	B, 32 bits							
	Energy stored at month - 8	xx xx xx xx	B, 32 bits							
	Energy stored at month - 9	xx xx xx xx	B, 32 bits							
	Energy stored at month - 10	xx xx xx xx	B, 32 bits							
	Energy stored at month - 11	xx xx xx xx	B, 32 bits							
	Energy stored at month - 12	xx xx xx xx	B, 32 bits							
	Energy stored at month - 13	xx xx xx xx	B, 32 bits							
	Energy stored at month - 14	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 1	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 2	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 3	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 4	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 5	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 6	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 7	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 8	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 9	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 10	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 11	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 12	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 13	xx xx xx xx	B, 32 bits							
	Energy tariff 1 stored at month - 14	xx xx xx xx	B, 32 bits							
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	Check Sum	cs								
	Stop	16								

Max frame size: 191 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

	Field	Frame bytes in hex (Note 1)	Coding	Comment	<MbusRecord> XML attributes: Name	Su	Tariff	Storage	Fu	Parent tag
Start	Start, **L**ength	68,Le Le,68								
	Control	08		Respond with user data, RSP_UD						
	Address	xx								
User data	Control **I**nformation	B7		Manufacturer specific						
	Frame version	01	C, 8 bits							<Records>
	Frame index	02	C, 8 bits							
	Days without energy	xx xx	C, 16 bits	[days]						
	Days without flow	xx xx	C, 16 bits	[days]						
	High temperature	xx xx xx xx	H, 32 bits	[°C]						
	Low temperature	xx xx xx xx	H, 32 bits	[°C]						
	Complementary counter 1 stored at month - 1	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 2	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 3	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 4	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 5	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 6	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 7	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 8	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 9	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 10	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 11	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 12	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 13	xx xx xx xx	B, 32 bits							
	Complementary counter 1 stored at month - 14	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 1	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 2	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 3	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 4	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 5	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 6	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 7	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 8	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 9	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 10	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 11	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 12	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 13	xx xx xx xx	B, 32 bits							
	Complementary counter 2 stored at month - 14	xx xx xx xx	B, 32 bits							
	Power maximum stored at -1	xx xx xx xx	H, 32 bits							
	Power maximum stored at -2	xx xx xx xx	H, 32 bits							
	Power maximum stored at -3	xx xx xx xx	H, 32 bits							
	Power maximum stored at -4	xx xx xx xx	H, 32 bits							
	Power maximum stored at -5	xx xx xx xx	H, 32 bits							
	Power maximum stored at -6	xx xx xx xx	H, 32 bits							
	Power maximum stored at -7	xx xx xx xx	H, 32 bits							
	Power maximum date/time stored at -1	xx xx xx xx	F, 32 bits							
	Power maximum date/time stored at -2	xx xx xx xx	F, 32 bits							
	Power maximum date/time stored at -3	xx xx xx xx	F, 32 bits							
	Power maximum date/time stored at -4	xx xx xx xx	F, 32 bits							
	Power maximum date/time stored at -5	xx xx xx xx	F, 32 bits							
	Power maximum date/time stored at -6	xx xx xx xx	F, 32 bits							
	Power maximum date/time stored at -7	xx xx xx xx	F, 32 bits							
	More records in next telegram	mo		Start of manufacturer specific data	ManufacturerDataBlock					
End	**C**heck **S**um	cs								
	Stop	16								

Max frame size: 192 bytes

Symbols

‡ Function: 0=instantaneous, 1=maximum, 2=minimum, 3=during error state

§ manufacturer specific VIFE

Notes

1. For non hexadecimal or lower case digits see the detailled description in the Keys sheet.

Respond with user data RSP_UD, Variable structure response (slave to master)

		Field	Frame bytes in hex (Note 1)	Bytes							
Header		Start, **L**ength	68,Le Le,68	4							
		Control	08	1	Respond with user data, RSP_UD						
		Address	xx	1							
		Control **I**nformation	72	1	Variable structure respond (mode 0: LSByte first)						
User Data Header				0	*Coding*						
		Identification number	xx xx xx xx	4	A, 32 bits						
		Manufacturer ID	EE 4D	2	C, 16 bits						
		Version of meter	0E	1	C, 8 bits						
		Device type	dt	1	D, 8 bits						
		Access number	xx	1	C, 8 bits						
		Status	st	1	Ds, 8 bits						
		Signature (not used)	00 00	2	C, 16 bits						
User Data Records				0	*Coding*	*Func*	*Stor*	*Tar*	*De*	*Value Info*	
	#	Energy stored at month - 1	C4 00,en en,xx xx xx xx	8	B, 32 bits		1	0	0	Energy; 0.1, 1, 10kWh, 1, 10MJ	
	#	Volume totalizer stored at month - 1	C4 00,vo vo,xx xx xx xx	8	B, 32 bits		1	0	0	Volume; 0.001, 0.01 m3	
	#	Energy totalizer 1 stored at month - 1	C4 10,en en,xx xx xx xx	8	B, 32 bits		1	1	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ	
	#	Volume totalizer 1 stored at month - 1	C4 10,vo vo,xx xx xx xx	8	B, 32 bits		1	1	0	Volume; 0.001, 0.01 m3	
	#	Energy totalizer 2 stored at month - 1	C4 20,en en,xx xx xx xx	8	B, 32 bits		1	2	0	Energy; 0.1, 1, 10 kWh, 1, 10 MJ	
	#	Volume totalizer 2 stored at month - 1	C4 20,vo vo,xx xx xx xx	8	B, 32 bits		1	2	0	Volume; 0.001, 0.01 m3	
	#	Complementary counter 1 totalizer stored at month - 1	C4 40,co co,xx xx xx xx	8	B, 32 bits		1	0	1	Complementary counter 1	
	#	Complementary counter 2 totalizer stored at month - 1	C4 80 40,co co,xx xx xx xx	9	B, 32 bits		1	0	2	Complementary counter 2	
	#	Power maximum stored at - 1	D5 82 03,2B,xx xx xx xx	8	H, 32 bits	Max	101	0	0	Power ; 1W	
	#	Power maximum date/time stored at - 1	C4 82 03,6D,xx xx xx xx	8	F, 32 bits	0	101	0	0	Date Time	
	#	Flow maximum stored at - 1	D5 86 04,3E,xx xx xx xx	8	H, 32 bits	Max	141	0	0	Flow ; m3/h	
	#	Flow maximum date/time stored at - 1	C4 86 04,6D,xx xx xx xx	8	F, 32 bits	0	141	0	0	Date Time	
		More records in next telegram	mo	1	Start of manufacturer specific data						
End		**C**heck **S**um	cs	1							
		Stop	16	1							