

EU-TYPE EXAMINATION CERTIFICATE

Application of the

Directive 2014/68/EU of the European Parliament and of the Council of 15 May 2014 of Pressure Equipment, as amended, and as transposed into law of the Kingdom of Sweden

CERTIFICATE NO.: **20-1004663-103**

This Certificate consists of 2 pages

THIS IS TO CERTIFY THAT THE EQUIPMENT

Safety Accessory

WITH THE TYPE DESIGNATION/EQUIPMENT DESCRIPTION

Self monitoring low level limiter type ERK-S2 with electrode ENT 220 or ENT 220 XL

MANUFACTURED BY

Elektro Relä AB

is found to comply with the requirements in Annex I, Essential Safety Requirements and EN 12952-11:2007, EN 12953-9:2007 and EN 50156-1, -2:2015

The equipment has been examined with respect to the procedure of conformity assessment as described for Module B

APPLICATIONS

Equipment Category: IV

Design Pressure min/max: 40 / 64 (XL) bar(g)

Design Temp. range: 252 / 282 (XL) °C

Fluid: Steam or hot water

Further details of the product and conditions for the certification are given overleaf.

This Certificate is valid until: 2025-06-30

MÖLNDAL 2020-05-14
SIGNED FOR AND BEHALF OF

Kiwa Inspecta AB

Notified Body No.: 0409




- Mats Dahlrot -
Lead Engineer



Notice: The certificate is subject to terms and conditions, if any, overleaf. Any significant changes in design or construction of the product, the quality system or amendments to the Directive 2014/68/EU or Standards referenced above may render this certificate invalid. The product liability rests with the manufacturer or his representative in accordance with the Directive, as amended.

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EXAMINED TECHNICAL DOCUMENTATION

Risk analyses 10792801-2020

Instruction for function, installation, functional test and maintenance

Summery of documents: ERK-S2_EN12952-11_EN12953-9_Table1_200513

Test report for LVD 1919260STO-001

EMC immunity test of ERK -S2 618-20221-10-R0

ERK-S2 100 thermal cycle test

Ent 220 contact 20 Water probe isolations test

ERK-S2 Verification regarding hotspots in Open Air.

Elektro-Relä ERK-S2 EN 61508 Rapport, revision 1

TEST REPORT, IEC 60730-1, Automatic electrical controls Report Number: 1919260STO-001

Installation drawing electrode

Electrode and cable is same as ERKs with previous approval 16-1004663-101

SUPPORTING EVIDENCE

None

LIMITATIONS

Pressure and temperature according to page 1

TESTS CARRIED OUT

On the prototype 2020

MÖLNDAL 2020-05-14

Kiwa Inspecta AB

A handwritten signature in blue ink is written over a blue horizontal line. To the right of the signature is the Kiwa Inspecta logo, which consists of the words "Kiwa" and "Inspecta" stacked vertically in a blue, sans-serif font.

DESIGN EXAMINATION CARRIED OUT BY

Mats Dahlrot

Lead Engineer