

EC TYPE-EXAMINATION CERTIFICATE

Application of the
Council Directive 97/23/EC of 29 May 1997 on Pressure Equipment, as amended, and Swedish ordinance AFS 1999:4

CERTIFICATE NO.: **16-GOT-1004663-101**

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-S
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 50156-1:2012

The equipment has been examined with respect to the procedure of conformity assessment as
described in 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: 2018-01-26

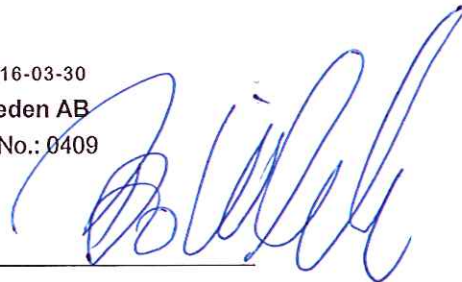
MÖLNDAL, 2016-03-30

Inspecta Sweden AB

Notified Body No.: 0409



Mats Dahlrot
Lead Engineer



Bo Wilck
Technical Area Manager

Notice: The statement 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 AFS 1999:4 (Directive 97/23/EC) or Standards referenced above may render this statement invalid. The product liability rests with the manufacturer or his representative in accordance with the AFS 1999:4 (Directive 97/23/EC), as amended.

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INFORMATION

This certificate is replacing certificate no: 11-GOT-198622-00, 07 SKM PED 784866-00 and 05 SKM PED 136091-00, which has expired.

The original certificate was issued 2002 certificate no: 02 SKM PED 51869101 and have certificate number. The manufacture has verified that there is no change in the product and hence no further review has been carried out.

TYPE APPROVAL DOCUMENTS

Risk analyses 10792800

Instruction for function, installation, functional test and maintenance

Electrical drawing No 97-352

Part list

Installation drawing electrode

Electrode drawing

Electrode holders

Technical data sheets electrical components

Technical data sheet cable

For electrode ENT 220 XL

Report no 05-SKM-PED-13609100

Stress analysis. Report no 05-5995120, rev no 0

Instruction for function, installation, functional test and maintenance

Electrode drawing "Nivåelektrod" ENT 220 XL, Drawing NO. 1569-1

See also Report no. 02SKM PED 5186101

LIMITATIONS

Pressure and temperature according to page 1

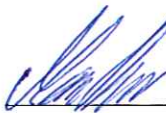
For steam boilers, in normal case one this limiter cannot on their own fulfill EN 12953-6 or EN 12952-7 as protection against water shortage. It has be two devices of this type or equal type.

TESTS CARRIED OUT

On the prototype (2002)

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Notes:

- 1) Items not included in the scope of design review shall be verified by an inspector of the Notified Body that issues the final certificate.
- 2) If fatigue has not been taken into account, the max. no. of cycles shall be verified according to the relevant design standard.