

# 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\_rev1

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 50156-1:2015

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.

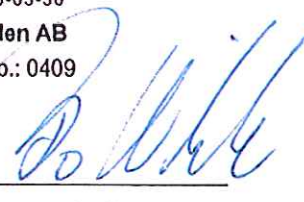
This Certificate is valid until: 2018-12-31

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

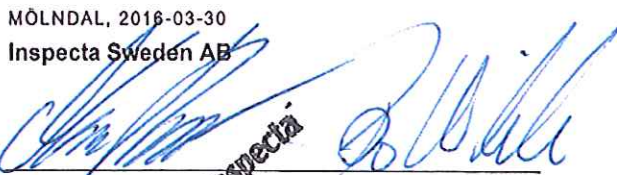
Pressure and temperature according to page 1  
For steam boilers, in normal case one this limiter cannot on their own fulfill EN 12953-6 or EN 12952-7 as protection against water shortage. It has be two devices of this type or equal type.

### TESTS CARRIED OUT

On the prototype (2002)

MÖLNDAL, 2016-03-30

Inspecta Sweden AB



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Lead Engineer

Bo Wilck  
Technical Area Manager

### 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.