



- (1) **UK - Type Examination Certificate**
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – **UKSI 2016:1107 (as amended)**
- (3) UK - Type Examination Certificate Number

EPS 22 UKEX 1 007 X

Revision 1

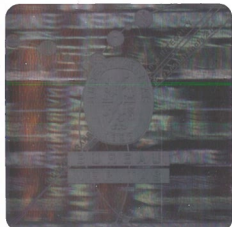
- (4) Equipment: Electronic pressure transmitters and sensors
Type: 23-Ed, 25-Ed, 33X-Ed and 35X-Ed
- (5) Manufacturer: KELLER Druckmesstechnik AG
- (6) Address: St. Gallerstrasse 119
CH-8404 Winterthur
Switzerland
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services United Kingdom Limited, approved body No. 8507 in accordance with UKSI 2016:1107 (as amended) Part 4, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Schedule 1 of UKSI 2016:1107 (as amended). The examination and test results are recorded in the confidential documentation under the reference number 21TH0591.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

EN 60079-1:2014

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.
- (11) This UK - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with UKSI 2016:1107 (as amended). Further requirements apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

 II 2G Ex db IIC T6...T4 Gb



Certification department of explosion protection

Warrington, 02-05-2023



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(13)

Annex

(14) **UK - Type Examination Certificate EPS 22 UKEX 1 007 X**

Revision 1

(15) Description of equipment:

Electronic transmitters and sensors for absolute and relative pressure measurement.

The transmitters are characterized by the nature of the connection of the pressure measurement:

- PR, Relative Pressure
- PA, Absolute Pressure
- PAA, Absolute Pressure referenced to vacuum
- PD, Differential pressure

and by operating mode:

- 23-Ed / 25-Ed, Electronic conditioning with fixed resistance and potentiometer
- 33X-Ed / 35X-Ed, Digital conditioning electronics

Electrical data:

max. voltage 50 VDC, max. power loss: 0.5 W

(16) Reference number: 21TH0591

(17) Special conditions for safe use:

Ambient operating temperature: from -40 °C to +100 °C
T6 for Ta = -40 °C to +80 °C
T5 for Ta = -40 °C to +95 °C
T4 for Ta = -40 °C to +100 °C

(18) Essential health and safety requirements:

Met by compliance with standards.

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