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## EU - Type Examination Certificate

- (1) **EU - Type Examination Certificate Number**
- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU
- (3) **EPS 22 ATEX 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 Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, 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 Annex II of the Directive. 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 EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive 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

Tuerkheim, 2023-03-30



Ulrich Fejke

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.



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(13)

## Annex

(14) EU - Type Examination Certificate EPS 22 ATEX 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.

Certification department of explosion protection

Tuerkheim, 2023-03-30

