



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEX Scheme visit www.iecex.com

Certificate No.: **IECEX EPS 22.0002X** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 1 Issue 0 (2022-04-13)
Date of Issue: 2023-03-30
Applicant: **KELLER Druckmesstechnik AG**
St. Gallerstrasse 119
CH 8404 Winterthur
Switzerland
Equipment: **Electronic pressure transmitters and sensors type: 23-Ed, 25-Ed, 33X-Ed and 35X-Ed**
Optional accessory:
Type of Protection: **db**
Marking: **Ex db IIC T6...T4 Gb**

Approved for issue on behalf of the IECEX
Certification Body:

Position:

Signature:
(for printed version)

Date:
(for printed version)

Ulrich Felke

Head of Certification

2023-03-30



1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: **KELLER Druckmesstechnik AG**
St. Gallerstrasse 119
CH 8404 Winterthur
Switzerland

Manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/EPS/ExTR22.0002/01](#)

Quality Assessment Report:

[DE/EPS/QAR13.0004/11](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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 transmitter

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

SPECIFIC CONDITIONS OF USE: YES as shown below:

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



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Applicant's Name
Electrical Data