IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx PTB 14.0021X

Issue No: 2

Certificate history:
Issue No. 2 (2018-03-26)
Issue No. 1 (2016-01-13)
Issue No. 0 (2015-02-12)

Status: **Current**

Date of Issue: **2018-03-26**

Applicant: **Pflitsch GmbH & Co. KG**
Ernst-Pflitsch-Straße 1
42499 Hückeswagen
Germany

Equipment: **Cable gland type UNI Ex * Dicht ***(*)******(*) and type UNI Ex Klemm * Dicht ********

Optional accessory:

Type of Protection: **"eb", "tb"**

Marking:

Ex eb IIC Gb

Ex tb IIIC Db

Approved for issue on behalf of the IECEx Certification Body: Dr.-Ing. Detlev Markus

Position: Head of Department Explosion Protection in Energy Technology

Signature:
(for printed version)

Date: 18.04.18

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 the Official IECEx Website.

Certificate issued by:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany

Physikalisch-Technische Bundesanstalt
Braunschweig und Berlin

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Manufacturer: **Pflitsch GmbH & Co. KG**
Ernst-Pflitsch-Straße 1
42499 Hückeswagen
Germany

Additional Manufacturing location(s):

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 apparatus 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 Edition:7.0	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*This Certificate **does not** indicate compliance with electrical 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/PTB/ExTR14.0023/01

Quality Assessment Report:

DE/PTB/QAR10.0003/03

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description

The cable gland type UNI Ex * Dicht ***(*)******(*) and type UNI Ex Klemm * Dicht ********** made of brass, brass nickel-plated or stainless steel, serves to introduce cables into electrical apparatus of the type of protection Increased Safety "eb" or Protection by Enclosure "tb". The cable gland consists of:
- pressure screw (UNI Ex * Dicht ***(*)******(*)
- pressure screw with clamping device (UNI Ex Klemm * Dicht **********)
- double nipple with metric, Pg, inch and NPT connection thread in different lengths
- extended and reduced version and an O-ring.
- sealing component out of TPE, for one hole, multiple holes, splitted or closed.

Accessories are lock nut, earthing cones and earthing cones with IRIS spring and a hose connection.
The cable gland is installed in enclosures with through-holes or threaded holes. For through-holes, lock nuts are used.

Technical data and Nomenclature see Annex.

SPECIFIC CONDITIONS OF USE: YES as shown below:

For UNI Ex * Dicht ***(*)******(*): only permanently wired cables may be entered. The user shall provide for the required strain relief.

Types with a low impact force shall be mounted into the enclosure in such a way that they are mechanically protected against impact force.

Degree of protection will be safeguarded only when sealing and cable entry fittings are properly fitted. The manufacturer's instructions must be followed.

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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Annex:

COCA140021X-Issue 2.pdf