



# 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](http://www.iecex.com)

Certificate No.: **IECEX PTB 20.0038X** Page 1 of 3 Certificate history:  
Status: **Current** Issue No: 0  
Date of Issue: 2021-09-08  
Applicant: **PFLITSCH GmbH & Co. KG**  
Ernst-Pflitsch-Straße 1 - Nord 1  
42499 Hückeswagen  
Germany  
Equipment: **Cable gland type UNI Dicht Inch Cable gland \*\*\*\*\***  
Optional accessory:  
Type of Protection: **increased safety "eb", protection by enclosure "tb"**  
Marking: **Ex eb IIC Gb**  
**Ex tb IIIC Db IP66**

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)

*D. Markus*

Date:

*27.09.21*

1. This certificate and schedule may only be reproduced in full.
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3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

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





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

Additional  
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 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

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/PTB/ExTR21.0047/00](#)

Quality Assessment Report:

[DE/PTB/QAR10.0003/05](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The UNI Dicht Inch cable glands \*\*\*\*\* are used to enter cables or wires into explosion-proof electrical equipment (terminal compartment) of protection type increased safety "e" and protection by enclosure "t" according to IEC 60079-0:2017 (Ed. 7.0), IEC 60079-7:2017 (Ed. 5.1) and IEC 60079-31:2013 (Ed. 2). The cables or wires must be permanently installed.

The cable gland consists of a double nipple, a sealing insert, a pressure screw and a connecting thread washer. A lock nut is used as accessory to secure the cable gland against loosening in through holes in connection housings.

Technical data and Nomenclature see Annex.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. Only permanently wired cables may be entered. The user shall provide for the required strain relief.
2. The aluminium gasket is not secured to the cable gland. Special care needs to be taken during installation to ensure the gasket is positioned correctly.

## **Annex:**

[COCA200038-00.pdf](#)