



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

Certificate No.: IECEx PTB 10.0009 issue No.:0 Certificate history:

Status: **Current**

Date of Issue: **2010-09-01** Page 1 of 3

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

Electrical Apparatus: **Cable gland type U 2. UNI Dicht xxxxxxxxxx**  
Optional accessory:

Type of Protection: **Increased Safety, Protection by Enclosure**

Marking: **Ex e II**  
**Ex tD A21 IP68**

Approved for issue on behalf of the IECEx  
Certification Body:

Dipl.-Phys. Uwe Völkel

Position:

Section "Flameproof Enclosures"

Signature:  
(for printed version)

Date:

2010109102

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





# IECEx Certificate of Conformity

Certificate No.: IECEx PTB 10.0009

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Issue No.: 0

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

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 product 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 electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identification documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-7 : 2006-07</b> Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
<b>IEC 61241-0 : 2004</b> Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
<b>IEC 61241-1 : 2004</b> Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/ExTR10.0008/00

#### Quality Assessment Report:

DE/PTB/QAR10.0003/00

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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Description

The cable gland type U 2. UNI Dicht xxxxxxxxxx made of brass and nickel-plated serves to introduce cables into electrical apparatus of the type of protection increased safety "e".

The cable gland consists of:

- pressure screw with or without clamping device.
- sealing component of different elastomers, closed and divided, for single and multiple holes, for flat cables and for blind sealing inserts.
- double nipple with short or long thread, extended and reduced version with an O-ring for the lower part of the thread.

Accessories are lock nut and blind plugs.

Technical data, nomenclature and notes for manufacturing and operation: see attachment.

CONDITIONS OF CERTIFICATION: NO

**Annexe:** Attachment-IECEx PTB 10\_0009.pdf

