



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 10.0006X** issue No.: **0** Certificate history:

Status: **Current**

Date of Issue: **2010-09-02** Page 1 of 3

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

Electrical Apparatus: **Cable gland type U 28. 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:

2010/09/02

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





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

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 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/ExTR10.0005/00

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 28. UNI Dicht xxxxxxxxxx made of stainless steel, serves to introduce cables into electrical apparatus of the type of protection increased safety "e". The cable gland consists of:

- pressure screw 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, blind plugs and a group for hose connection

Technical Data and Nomenclature: see Attachment.

CONDITIONS OF CERTIFICATION: YES as shown below:

Only permanently wired cables may be entered. The user shall provide the required strain relief.

When the tested sealing components are selected, the maximum thermal load of the cables introduced must be taken into account.

Annexe: Attachment-IECEx PTB 10_0006X.pdf

