



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 10.0005X 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 U40 xxxxxxxx for shielded cables**
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)



2010/09/02

Date:

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 10.0005X

Date of Issue: 2010-09-01

Issue No.: 0

Page 2 of 3

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 identification 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/ExTR10.0004/00

Quality Assessment Report:

DE/PTB/QAR10.0003/00

IECEx Certificate



of Conformity

Certificate No.: IECEx PTB 10.0005X

Date of Issue: 2010-09-01

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description

The cable gland type Type U40. xxxxxxxx for shielded cables 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 without clamping device,
 - sealing component of elastomeres and closed inserts.
 - double nipple with short or long thread, with an O-ring for the lower part of the thread.
 - two-part earthing unit
- Accessory is a lock nut.

Technical data and nomenclature: see attachment.

CONDITIONS OF CERTIFICATION: YES as shown below:

Only permanently laid cables and conduits may be entered. The user must guarantee suitable clamping. The maximum thermal load of the cables and conduits entered is to be taken into account. The shielding function is guaranteed only if the shielded cable is properly installed in the earthing unit.

Annexe: Attachment-IECEx PTB 10_0005X.pdf

