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 10.0008X	issue No.:0	Certificate history:
Status:	**Current**		
Date of Issue:	**2010-10-11**	Page 1 of 3	
Applicant:	**Pflitsch GmbH & Co. KG** Ernst-Pflitsch-Straße 1 42499 Hückeswagen **Germany**		
Electrical Apparatus: *Optional accessory:*	**Cable gland type UNI IRIS xxxxxxx and UNI HF xxxxxxxx**		
Type of Protection:	**Increased Safety "e", Protection by Enclosures "tD"**		
Marking:	**Ex e II** **Ex tD A21 IP68**		
Approved for issue on behalf of the IECEx Certification Body:	Dr.-Ing. Uwe Klausmeyer		
Position:	Head of Section "Flameproof Enclosures"		
Signature: *(for printed version)*			
Date:	04. NOV. 2010		

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 identified 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/ExTR10.0007/00

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, types UNI IRIS xxxxxxx and UNI HF xxxxxxxx for shielded cables in brass, nickelized, serves to introduce cables into electrical apparatus in the type of protection Increased safety "e" and protection by enclosures "tD".
The cable gland consists of:
- pressure screw with metric thread for UNI IRIS and Pg thread or inch thread for UNI HF DICHT.
  It can be equipped with a clamping device.
- double nipple with metric, Pg or inch connection thread of different lengths, sealing unit in Siloprene, TPE or TPE-V and two earthing cones with IRIS spring.
  The double nipple is available as an expanding or reducing version.
- Accessories are lock nut and blind plugs.

Technical Data and Nomenclature: see Attachment

CONDITIONS OF CERTIFICATION: YES as shown below:

If not equipped with a clamping device, 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_0008X.pdf