

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 11.0019X	Issue No: 1	<u>Certificate history:</u> Issue No. 1 (2015-09-24) Issue No. 0 (2011-05-23)
Status:	Current	Page 1 of 4	
Date of Issue:	2015-09-24		
Applicant:	Pflitsch GmbH & Co. KG Ernst-Pflitsch-Straße 1 42499 Hückeswagen Germany		
Electrical Apparatus:	Cable gland type blueglobe HT xx x xx xxxx xx, blueglobe HT AC xxx xx x xx xxxx xxxx xx and blueglobe HT TRI xx x xx xxxx xx		
Optional accessory:			
Type of Protection:	Increased Safety, Protection by Enclosure		
Marking:	Ex e IIC Gb Ex tb IIIC Db		

Approved for issue on behalf of the IECEx
Certification Body:

Dr.-Ing. Uwe Klausmeyer

Position:

Head of Department 3.5 "Explosion Protection in Energy Technology"

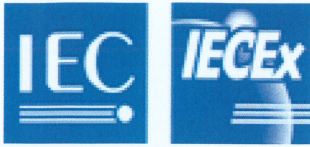
Signature:
(for printed version)

Date:

24.09/15

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

Certificate issued by:



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

Additional 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 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-31 : 2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2
IEC 60079-7 : 2006-07 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

*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/ExTR11.0032/01](#)

Quality Assessment Report:

[DE/PTB/QAR10.0003/02](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description

The cable gland type blueglobe HT xx x xx xxxx xx, blueglobe HT AC xxx xx x xx xxxx xxxx xx and blueglobe HT TRI xx x xx xxxx xx made of brass, nickel-plated and 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 for sealing inserts
- double nipple with short or long thread with an O-ring for the lower part of the thread

Accessories are lock nut, blind plugs, AC group for armoured cables and TRI-spring for shielded cables.

Technical data and Nomenclature see Annex .

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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

New test according to IEC 60079-0:2011 (Ed. 6), IEC 60079-7:2006 (Ed. 4),
IEC 60079-31:2013 (Ed. 2).
The marking has been changed.

Annex:

[COCA110019X-01.pdf](#)