



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX IBE 24.0013X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2025-02-05
Applicant: **PFLITSCH GmbH & Co. KG**
Ernst-Pflitsch-Straße 1
Hückeswagen 42499
Germany
Equipment: **Cable gland type blueglobe PC *******
Optional accessory:
Type of Protection: **Increased safety "eb" and protection by enclosure "ta"**
Marking: **Ex eb IIC Gb**
Ex ta IIIC Da

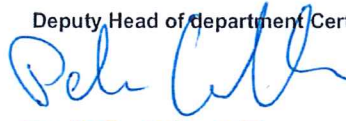
Approved for issue on behalf of the IECEx
Certification Body:

Dr.-Ing. Peter Cimalla

Position:

Deputy Head of Department Certification Body

Signature:
(for printed version)


2025-02-05

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

IBEXU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
09599 Freiberg
Germany



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

Manufacturing
locations:

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 equipment 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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-31:2022 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with 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/IBE/ExTR24.0026/00](#)

Quality Assessment Report:

[DE/PTB/QAR10.0003/07](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The cable gland type blueglobe PC ***** made of polycarbonate is used for the entry of a cable or line into explosion-protected, electrical equipment (terminal compartment) of type of protection increased safety "e" and protection by enclosure "t".

Further information are given in the annex.

SPECIFIC CONDITIONS OF USE: YES as shown below:

The cable gland is suitable for permanently installed cables and leads only. The user must ensure that appropriate measures are taken to provide strain relief.

The permitted service temperature range is -20 °C to +60 °C.

The degree of protection IP66 / IP68 is only achieved if the seal and the cable glands are properly assembled. The manufacturer's instructions must be observed.

Cable glands of size M16...M32 have been tested for low risk of mechanical hazards.

Annex:

[Annex_IECEX_IBE_24.0013X_1.pdf](#)