



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 PTB 19.0033** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-11-12

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

Equipment: **Adaptor type AD*****, Reducer type RED*****, Blind plug type BSM*******

Optional accessory:

Type of Protection: **"db", "eb", "ta"**

Marking: Ex db eb IIC Gb
Ex ta IIIC Da

Approved for issue on behalf of the IECEx
Certification Body:

Dr.-Ing. Detlev Markus

Position:

**Head of Department "Explosion Protection in Energy
Technology"**

Signature:
(for printed version)

D. Markus
12.11.19

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



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 - Nord 1
42499 Hückeswagen
Germany

Additional
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 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

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/PTB/ExTR19.0030/00](#)

Quality Assessment Report:

[DE/PTB/QAR10.0003/04](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Adaptor type AD*****, the Reducer type RED***** and the Blind plug type BSM***** in the type of protection Flameproof enclosure "db", Increased Safety "eb" and Protection by Enclosure "ta" consists of brass or stainless steel with an O-ring for the connecting thread. They are used for closing or adapting enclosure openings to the nominal size of cable glands.

Technical Data and Nomenclature see Annex.

SPECIFIC CONDITIONS OF USE: NO

Annex:

[COCA19.0033-Issue 0.pdf](#)



Konformitätsbewertungsstelle, Sektor Explosionsschutz

PTB • Postfach 33 45 • 38023 Braunschweig • Germany

PFLITSCH GmbH & Co. KG
Herr B. Saßenbach
Ernst-Pflitsch-Straße 1
42499 Hückeswagen

Your reference: Saßenbach
Your letter of:
My reference: PEx1201900139
My letter of:

Handled by: Dr.-Ing. S. Essmann
Telephone: +49 531 592-3445
Fax: +49 531 592-3505
E-mail: Stefan.Essmann@ptb.de

Date: November 24, 2020

Re.: Modification of brass material for several products

Dear Mr. Saßenbach,

with respect to safety technology there are no objections to use the material brass lead-free (CuZn21Si3P) instead of the material brass Ms 58 (CuZn39Pb3) for the products listed below. This evaluation is based on the specifications in the provided material data sheets.

Please incorporate these modifications with future editions of the certificates for the respective products concerned.

Product	Certificate
blueglobe (AC) cable gland made of brass, nickel-plated, bright and stainless	PTB 06 ATEX 1036X
Cable gland type blueglobe xx x xx xxxx xx, blueglobe TRI xx x xx xxxx xx and blueglobe AC xxx xx x xx xxxx xx	IECEx PTB 10.0004X Issue 1
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	PTB 11 ATEX 1007X issue 01
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	IECEx PTB 11.0019X Issue 2
Cable gland type UNI Ex * Dicht ***(*)*****(*) und Typ UNI Ex Klemm * Dicht *****	PTB 14 ATEX 1011X issue 01
Cable gland type UNI Ex * Dicht ***(*)*****(*) and type UNI Ex Klemm * Dicht *****	IECEx PTB 14.0021X Issue 2
Cable gland type UNI Ex Klemm * Dicht *****	PTB 14 ATEX 1012 issue 01
Cable gland type UNI Ex Klemm * Dicht *****	IECEx PTB 14.0022 Issue 1
Cable gland type UNI Ex * Dicht Silikon ***** und Type UNI Ex Muffe EMV Dicht Silikon *****	PTB 15 ATEX 1001X issue 02
Cable gland type UNI Ex * Dicht Silicone ***** and UNI Ex Sleeve EMC Dicht Silicone *****	IECEx PTB 15.0001X Issue 1

Blanking plug type Ex e * (*) * * * * , Extender type Ex e * * * * * and Reducer type Ex e * * * * *	PTB 09 ATEX 1002
Blanking plug, type Ex e * (*) * * * * , Extender, type Ex e * * * * * and Reducer, type Ex e * * * * *	IECEX PTB 10.0003 Issue 1
Cable gland type LevelEx Lex * * * * *	PTB 18 ATEX 1001X Ausgabe 00
Cable gland type LevelEx Lex * * * * *	IECEX PTB 18.0001X Issue 0
Adaptor type AD * * * * * , Reducer type RED * * * * * and Blind plug type BSM * * * * *	PTB 19 ATEX 1010 issue 0
Adaptor type AD * * * * * , Reducer type RED * * * * * , Blind plug type BSM * * * * *	IECEX PTB 19.0033 Issue 0

Best regards


Dr.-Ing. Stefan Essmann

Enc.