



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 TUR 20.0080X** Page 1 of 3 Certificate history:
Status: **Current** Issue No: 0
Date of Issue: 2021-07-28
Applicant: **BEISIT Electric Tech (Hangzhou) Co., Ltd**
No. 1 Tangmei Road, Yuhang Economic-Technological Development Area, 311100 Hangzhou
China
Equipment: **Ex flameproof armoured cable gland / Type(s): BST-Exd-SFAC series, BST-Exd-SSFA series, BST-Exd-DSAC series and BST-Exd-DSA series**
Optional accessory:
Type of Protection: **Flameproof enclosure "db", and Equipment dust ignition protection by enclosure "tb"**
Marking: Ex db IIC Gb
Ex tb IIIC Db IP66/IP68

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. He Mei

Position:

Assigned certifier

Signature:
(for printed version)

He Mei

Date:

2021-07-28

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:

TUV Rheinland Industrie Service GmbH
Am Grauen Stein
51105 Cologne
Germany





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Manufacturer: **BEISIT Electric Tech (Hangzhou) Co., Ltd**
No. 1 Tangmei Road, Yuhang Economic-Technological Development Area, 311100 Hangzhou
China

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

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/TUR/ExTR20.0080/00](#)

Quality Assessment Report:

[DE/TUR/QAR21.0005/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Ex flameproof armoured cable gland

Type(s): BST-Exd-SFAC series, BST-Exd-SSFA series, BST-Exd-DSAC series and BST-Exd-DSA series

General product information:

The BST-Exd series armoured cable glands are metallic and are intended to terminate armoring cables into Ex db or Ex tb enclosures without compromising the explosion protection provided by the enclosures in accordance with relevant codes of practice.

The model BST-Exd-SSFA provides single seal. The structure consists of two fittings bodies (metal), a pressing nut (metal), a circular sealing ring (non-metal), an O-ring(non-metal), two armored rings(non-metal), two flat sealing gaskets (non-metal) and a packing barrel (metal). Provides M and NPT threads for connection.

As the cable glands of BST-Exd-SSFA, model BST-Exd-SFAC provides a strain relief nut for replacement of pressure nut.

The model BST-Exd-DSA provides double seal. The structure consists of two fittings body (metal), a pressure nut (metal), two circular sealing rings (non-metal), two armored rings(non-metal) and two flat sealing gaskets (non-metal). Provides M and NPT threads for connection.

As the cable glands of BST-Exd-DSA, model BST-Exd-DSAC provides a strain relief nut for replacement of pressure nut.

Suit for explosive atmosphere zone 1, zone 2, zone 21 and zone 22; applicable to IIC gas zone and IIIC dust zone.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Specific guidance noted to contact the original manufacturer for information on the dimension of the flameproof joints.
2. Service temperature: -60 to +130°C.

Annex:

[DE-IECEX_TUR_20.0080_00_Attachment.pdf](#)



Attachment to Certificate IECEx TUR 20.0080 X

Device: **Ex flameproof armoured cable gland**
Type(s): BST-Exd-xxxx-M1613YY; BST-Exd-xxxx-M2013YY; BST-Exd-xxxx-M2016YY; BST-Exd-xxxx-M2021YY; BST-Exd-xxxx-M2526YY; BST-Exd-xxxx-M3234YY; BST-Exd-xxxx-M4041YY; BST-Exd-xxxx-M5047YY; BST-Exd-xxxx-M5053YY; BST-Exd-xxxx-M6359YY; BST-Exd-xxxx-M6366YY; BST-Exd-xxxx-M7572YY; BST-Exd-xxxx-M7579YY; BST-Exd-xxxx-M8080YY; BST-Exd-xxxx-M9091YY; BST-Exd-xxxx-M100105YY.

BST-Exd-xxxx-N1213YY; BST-Exd-xxxx-N3413YY; BST-Exd-xxxx-N1216YY; BST-Exd-xxxx-N3416YY; BST-Exd-xxxx-N1221YY; BST-Exd-xxxx-N3421YY; BST-Exd-xxxx-N3426YY; BST-Exd-xxxx-N10026YY; BST-Exd-xxxx-N10034YY; BST-Exd-xxxx-N11434YY; BST-Exd-xxxx-N11441YY; BST-Exd-xxxx-N11241YY; BST-Exd-xxxx-N20047YY; BST-Exd-xxxx-N20053YY; BST-Exd-xxxx-N21253YY; BST-Exd-xxxx-N21259YY; BST-Exd-xxxx-N21266YY; BST-Exd-xxxx-N30066YY; BST-Exd-xxxx-N30072YY; BST-Exd-xxxx-N30079YY; BST-Exd-xxxx-N31279YY; BST-Exd-xxxx-N30080YY; BST-Exd-xxxx-N31280YY; BST-Exd-xxxx-N31291YY; BST-Exd-xxxx-N40091YY; BST-Exd-xxxx-N312105YY; BST-Exd-xxxx-N400105YY;

Note: The "xxxx" can be replaced with models including "SSFA", "SFAC", "DSA" and "DSAC". The "YY" can be replaced with model BR (H59-1 brass), BA (H62 brass), SS (SUS304), SA (SUS316) or SB (SUS316L).

Manufacturer: **Beisit Electric Tech (Hangzhou) Co., Ltd.**

Address: **No. 1 Tangmei Road, Yuhang Economic-Technological Development Area, 311100 Hangzhou, Zhejiang, China**

General product information:

The BST-Exd series armoured cable glands are metallic and are intended to terminate armoring cables into Ex db or Ex tb enclosures without compromising the explosion protection provided by the enclosures in accordance with relevant codes of practice.

The model BST-Exd-SSFA provides single seal. The structure consists of two fittings bodies (metal), a pressing nut (metal), a circular sealing ring (non-metal), an O-ring(non-metal), two armored rings(non-metal), two flat sealing gaskets (non-metal) and a packing barrel (metal). Provides M and NPT threads for connection.

As the cable glands of BST-Exd-SSFA, model BST-Exd-SFAC provides a strain relief nut for replacement of pressure nut.

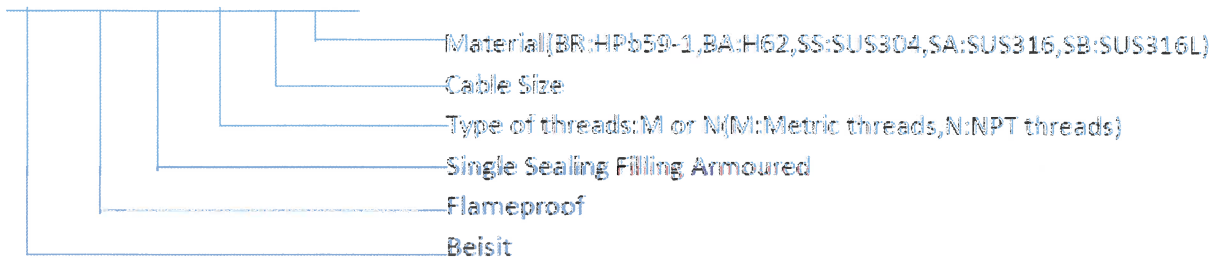
The model BST-Exd-DSA provides double seal. The structure consists of two fittings body (metal), a pressure nut (metal), two circular sealing rings (non-metal), two armored rings (non-metal) and two flat sealing gaskets (non-metal). Provides M and NPT threads for connection.



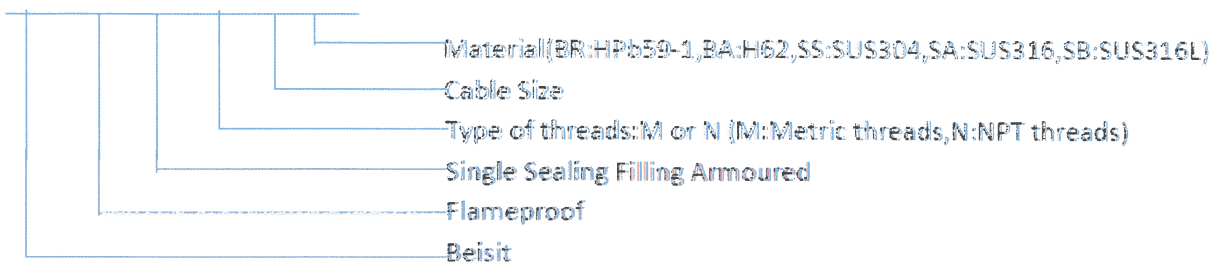
As the cable glands of BST-Exd-DSA, model BST-Exd-DSAC provides a strain relief nut for replacement of pressure nut.

Suit for explosive atmosphere zone 1, zone 2, zone 21 and zone 22; applicable to IIC gas zone and IIC dust zone.

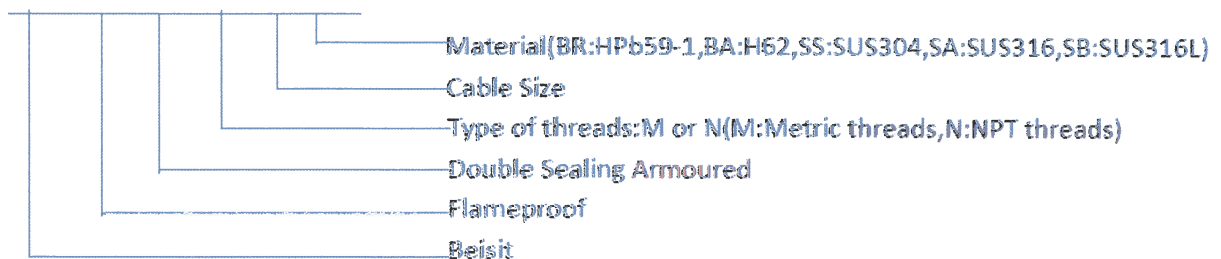
BST-Ex d-SSFA-M1613BR



BST-Ex d-SFAC-M1613BR



BST-Ex d-DSA-M1613BR



BST-Ex d-DSAC-M1613BR

