



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000367

Applicant	Pflitsch GmbH & Co. KG
Address	Ernst-Pflitsch-Straße 1, 42499 Hückeswagen, Germany
Manufacturer	Pflitsch GmbH & Co. KG
Address	Ernst-Pflitsch-Straße 1, 42499 Hückeswagen, Germany
Production Factory	Pflitsch GmbH & Co. KG
Production Address	Ernst-Pflitsch-Straße 1, 42499 Hückeswagen, Germany
Product	Blind plug
Model/Type	BSM*****
Ex marking	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
Reference Standards	GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021, GB/T 3836.31-2021

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEC-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (4 pages).

Initial issue date: 2021-05-12

Issued date: 2023-07-20

Valid to: 2026-05-11

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical
Apparatus Research Institute Co., Ltd.



<http://www.ccc-cnex.com>
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Product information:

1. This certificate covers the following models:

- BSM*****

Nomenclature:

BSM	*	*	*	*	*
1	2	3	4	5	6

- 1) Type
BSM = Blind plug
- 2) Type of connecting thread
2 = Metric
3 = NPT
- 3) Size of connecting thread (code number)
- 4) Material body
ms = brass
VA = stainless steel
- 5) Explosion protection
Ex d = Type of protection Flameproof enclosure "d"
- 6) Additional letter for material and O-ring
V4A = stainless steel
bl = brass blank

Technical data:

Size of thread	M16 to M63 NPT 3/8" to NPT 2 1/2"
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Suited for devices of equipment group II with mechanical risk level	High, 7J
Mounted in enclosures with clearance holes (For Ex e, Ex t)	
Plastic, wall thickness	≥2mm
Metal, wall thickness	≥1mm
Mounted in enclosures with threaded holes (For Ex e, Ex t)	
Plastic, wall thickness	≥5mm
Metal, wall thickness	≥3mm
Torque see manual	Depending on the nominal size Metric, NPT: 15 Nm to 80 Nm
Ambient temperatures	
Connecting O-ring	Silicone -60 °C to +130 °C
Ingress protection	IP66, IP68 (1h, 1MPa)
Service temperatures	-60 °C to +130 °C

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Thread, metric	Thread, NPT	Torque	Min. Temperature, Overpressure
M16×1.5	NPT 3/8"	15 Nm	-60 °C / 4.86MPa
M20×1.5	NPT 1/2"	20 Nm	-60 °C / 4.86MPa
M25×1.5	NPT 3/4"	30 Nm	-60 °C / 4.86MPa
M32×1.5	NPT 1"	30 Nm	-60 °C / 4.86MPa
M40×1.5	NPT 1 1/4"	35 Nm	-60 °C / 4.86MPa
M50×1.5	NPT 2"	80 Nm	-60 °C / 4.86MPa
M63×1.5	NPT 2 1/2"	80 Nm	-60 °C / 4.86MPa

Ex marking: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of safety use:

- When the blind plug is built into an enclosure in the type of protection Flameproof enclosure "db", it is recommended to include them into the explosion tests of enclosure.

- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2011C051, CQST2011C051/01

- Factory inspection report: CN2021Q010004

4. Certificate change information:

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- 1st change on July 20, 2023: Updated the standards for certification.

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