



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000370

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	Blanking plug
Model/Type	Ex e *(*)****
Ex marking	Ex eb IIC Gb, Ex tb IIIC Db
Reference Standards	GB/T 3836.1-2021, 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 CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (3 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>
ccc.china-ex.com

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China P.C.: 473008
Tel: 0377-63239734 Email: ccc@cn-ex.com

CN 0002032



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Product information:

1. This certificate covers the following models:

- Ex e (*)****

Nomenclature:

Blanking plug Ex e (*)****, metric thread

x	x	x	x	x	x
1	2	3	4	5	6

- 1) Type, "7"
- 2) Type of thread, 2 = metric
- 3) Size of connecting thread
- 4) Gasket on connecting thread, "/DR"
- 5) Material, "/st" = stainless steel
- 6) Explosion protected Ex e, "ex"

Blanking plug Ex e (*)****, PG-thread

x	x	x	x	x
1	2	3	4	5

- 1) Type, "7"
- 2) Size of connecting thread
- 3) Material and size of thread, "/st2" = stainless steel, "/2" = brass, nickel-plated
- 4) Gasket on connecting thread, "DR"
- 5) Explosion protected Ex e, "ex"

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Technical data:

Size of thread	M12 to M80 Pg 7 to Pg 48
Suited for devices of equipment group II with mechanical risk level	High
Mounted in enclosures with clearance holes	
Plastic, wall thickness	≥2mm
Metal, wall thickness	≥1mm
Mounted in enclosures with threaded holes	
Plastic, wall thickness	≥5mm
Metal, wall thickness	≥3mm
Torque see manual	Depending on the nominal size metric: 6 Nm to 60 Nm Pg: 6 Nm to 40 Nm
Ambient temperatures Connecting O-ring	-60 °C to +180 °C Siloprene
Protection against solid foreign objects, water and contact	IP 68 (1MPa, 1h)

Thread, metric	Torque	Thread, Pg	Torque
M12×1.5	6Nm	Pg7	6Nm
M16×1.5	8Nm	Pg9	8Nm
M20×1.5	10Nm	Pg11	10Nm
M25×1.5	10Nm	Pg13.5	10Nm

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M32×1.5	15Nm	Pg21	15Nm
M40×1.5	20Nm	Pg29	20Nm
M50×1.5	30Nm	Pg36	30Nm
M63×1.5	40Nm	Pg42	30Nm
M75×1.5	60Nm	Pg48	40Nm
M80×2.0	60Nm	--	--

Ex marking: Ex eb IIC Gb, Ex tb IIIC Db

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

2. Specific conditions of safety use:

- The blanking plug is installed in enclosures with through-holes or threaded holes. For through holes, lock nuts are used.
- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2011C054, CQST2011C054/01
- Factory inspection report: CN2021Q010004

4. Certificate change information:

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

Issued date: 2023-07-20

Director:

穆大玉



Nanyang Explosion Protected Electrical
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