



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000369

<b>Applicant</b>	Pflitsch GmbH & Co. KG
<b>Address</b>	Ernst-Pflitsch-Straße 1, 42499 Hückeswagen, Germany
<b>Manufacturer</b>	Pflitsch GmbH & Co. KG
<b>Address</b>	Ernst-Pflitsch-Straße 1, 42499 Hückeswagen, Germany
<b>Production Factory</b>	Pflitsch GmbH & Co. KG
<b>Production Address</b>	Ernst-Pflitsch-Straße 1, 42499 Hückeswagen, Germany
<b>Product</b>	Reducer
<b>Model/Type</b>	Ex e *****
<b>Ex marking</b>	Ex eb IIC Gb, Ex tb IIIC Db
<b>Reference Standards</b>	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>  
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CN 0002031



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## (Annex)

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### Product information:

1. This certificate covers the following models:

- Ex e \*\*\*\*\*

Nomenclature

Reducer Ex e \*\*\*\*\* , metric thread and Pg-thread

x	x	x	x	x
1	2	3	4	5

- 1) Type, "80"
- 2) Size of connecting thread
- 3) Size of inner thread
- 4) Material, "st" = stainless steel
- 5) Explosion protected Ex e, "ex"

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

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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	-60 °C to +180 °C
Connecting O-ring	Siloprene rubber
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
M32×1.5	15Nm	Pg21	15Nm
M40×1.5	20Nm	Pg29	20Nm
M50×1.5	30Nm	Pg36	30Nm

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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 reducer 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: CQST2011C053, CQST2011C053/01
- Factory inspection report: CN2021Q010004

4. Certificate change information:

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

Issued date: 2023-07-20

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