



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000362

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	Cable gland
Model/Type	blueglobe HT xx x xx xxxx xx blueglobe HT AC xxx xx x xx xxxx xxxx xx blueglobe HT TRI xx x xx xxxx xx
Ex marking	Ex e IIC Gb, Ex tD A21 IP66/68
Reference Standards	GB3836.1-2010, GB3836.3-2010, GB12476.1-2013, GB12476.5-2013

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 (5 pages).

Issued on: 2022-01-18

Valid to: 2027-01-17

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 0000967



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000362

Page 1 of 5

Product information:

1. This certificate covers the following models:

- 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

Nomenclature:

blueglobe HT	xx	x	xx	xxxx	xx
1	2	3	4	5	6

- 1) Type
- 2) bg
- 3) Type of thread, 2 = series metric, 8 = series metric long
- 4) Connecting thread
- 5) Material
- 6) Ex

blueglobe HT AC	xxx	xx	x	xx	xxxx	xxxx	xx
1	2	3	4	5	6	7	8

- 1) Type
- 2) Metric adapter
- 3) bg
- 4) Type of thread, 2 = series metric
- 5) Connecting thread
- 6) Material
- 7) AC for armoured cable, clamping range
- 8) Ex

Issued on: 2022-01-18

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000362

Page 2 of 5

blueglobe HT TRI	xx	x	xx	xxxx	xx
1	2	3	4	5	6

- 1) Type
- 2) bg
- 3) Type of thread, 2 = series metric
- 4) Connecting thread
- 5) Material
- 6) Ex

Technical data:

Size of thread	M12 to M40
Suited for devices of equipment group II with mechanical risk level	High
Mounted in enclosures with clearance holes	
Plastic, wall thickness	≥2 mm
Metal, wall thickness	≥1 mm
Mounted in enclosures with threaded holes	
Plastic, wall thickness	≥5 mm
Metal, wall thickness	≥3 mm
Torque	Depending on the nominal size, see list below metric: 5 Nm to 20 Nm
Ambient temperatures	
Insert and connecting O-ring Silicon	-55 °C to +160 °C

Issued on: 2022-01-18

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000362

Page 3 of 5

Bolt	-55 °C to +90 °C
Protection against solid foreign objects, water and contact	IP66 and IP68 (1.5MPa, 1h)

max. Torque blueglobe and blueglobe TRI

blueglobe HT and blueglobe TRI HT					
Thread	Molded inlet	Torque Pressure screw / double nipple	Cable diameter with inlet	Cable diameter without inlet	Mechanical strength
M12×1.5	X	5Nm	--	8.0-5.0	7J
M16×1.5	X	8Nm	7.0-4.0	11.0-7.0	7J
M20×1.5	X	10Nm	9.0-5.0	14.0-9.0	7J
M25×1.5	X	15Nm	16.0-11.0	20.0-16.0	7J
M32×1.5	--	15Nm	20.0-15.0	25.0-20.0	7J
M40×1.5	--	20Nm	26.0-20.0	32.0-26.0	7J

Connection thread: metric

Note: The torque depends on the cable used and the insert seal but should not exceed the value given in the table.

max. Torque blueglobe AC

blueglobe HT AC for armoured cable

Issued on: 2022-01-18

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000362

Page 4 of 5

Thread	Molded inlet	Torque Pressure screw / double nipple	Cable diameter without inlet	Cable diameter with inlet	Clamping range of AC group	Mechanical strength
M20×1.5	X	15Nm	14.0-9.0	--	13.0-9.0	7J
M20×1.5	X	15Nm	20.0-16.0	16.0-11.0	15.0-10.0	7J
M25×1.5	X	15Nm	20.0-16.0	--	17.0-14.0	7J
M32×1.5	--	15Nm	25.0-20.0	--	23.0-19.0	7J
M32×1.5	--	15Nm	32.0-26.0	26.0-20.0	27.0-23.0	7J
M40×1.5	--	20Nm	32.0-26.0	--	31.0-28.0	7J

Connection thread: metric

Note: The torque depends on the cable used and the insert seal but should not exceed the value given in the table.

Ex marking: Ex e IIC Gb, Ex tD A21 IP66/68

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

2. Specific conditions of safety use:

- Only permanently wired cables may be entered. The user shall provide the required strain relief.

Issued on: 2022-01-18

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000362

Page 5 of 5

- The maximum thermal load of the cables introduced must be taken into account.
- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2011C058
- Factory inspection report: CN2021Q010004

4. Certificate change information: None

Issued on: 2022-01-18

Director:



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

