



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000361

**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 CLEAN Plus \*\*\*\*\*  
**Ex marking** Ex e IIC Gb, Ex tD A20 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 CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

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

Issued on: 2021-05-14

Valid to: 2026-05-13

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 000652





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

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**Product information:**

1. This certificate covers the following models:

- Blueglobe CLEAN Plus \*\*\*\*\*

Nomenclature:

blueglobe CLEAN Plus	*	*	*	*	*	*	*	*
1	2	3	4	5	6	7	8	9

- 1) Type designation
- 2) KLE blueglobe (bg)
- 3) Series metric (2)
- 4) Size of connection thread (code number)
- 5) Material designation (VA = stainless steel)
- 6) Max. sealing diameter (code number), optional
- 7) Material sealing insert (HTS = silicone)
- 8) Type addition (cp)
- 9) Explosion protected (ex)

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## (Annex)

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Technical data:

Size of connection thread	M10 to M40
Cable diameter	5 mm to 29 mm
Suited for devices of equipment group II with mechanical risk level	High, see table below
Mounted in enclosures with clearance holes(For Ex e, Ex tD)	
Plastic, wall thickness	≥2 mm
Metal, wall thickness	≥1 mm
Mounted in enclosures with threaded holes (For Ex e, Ex tD)	
Plastic, wall thickness	≥5 mm
Metal, wall thickness	≥3 mm
Service temperature range	-60 °C to +130 °C
Ingress protection	IP66, IP68 (M25, M32: 0.5MPa, 30Min, M40: 0.1MPa, 30Min)

Size		Torque	Mechanical strength	Ingress protection
metric	article number and sealing diameter	connection thread and head thread	--	--
M10×1.0	bg 210VA HTS cp ex, 7.0 – 5.0 mm	5 Nm	7J	IP66

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M12×1.5	bg 212VA HTS cp ex, 7.0 – 5.0 mm	5 Nm	7J	IP66
M16×1.5	bg 216VA HTS cp ex, 9.0 – 7.0 mm	12 Nm	7J	IP66
M20×1.5	bg 220VA HTS cp ex, 12.0 – 9.0 mm	15 Nm	7J	IP66
M25×1.5	bg225VA15 HTS cp ex 15.0 -12.0 mm bg 225VA HTS cp ex, 18.0 -15.0 mm	15 Nm	7J	IP66 IP68 (0.5MPa, 30 min)
M32×1.5	bg 232VA21 HTS cp ex 21.0 – 18.0 mm bg 232VA HTS cp ex 23.0 – 20.0 mm	20 Nm	7J	IP66 IP68 (0.5MPa, 30 min)
M40×1.5	bg 240VA HTS cp ex 26.0 – 23.0 mm bg 240VA HTS cp ex 29.0 – 26.0 mm	20 Nm	7J	IP66 IP68 (0.1MPa, 30 min)

Ex marking: Ex e IIC Gb, Ex tD A20 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 for the required strain relief.

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- Degree of protection will be safeguarded only when sealing and cable entry fittings are properly fitted. The manufacturer's instructions must be followed.
  - The cable gland 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: CQST2011C059
  - Factory inspection report: CN2021Q010004
4. Certificate change information: None

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