



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000447

Applicant Peppers Cable Glands Limited
Address Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom
Manufacturer Peppers Cable Glands Limited
Address Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom
Production Factory Peppers Cable Glands Limited
Production Address Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom
Product Cable Glands
Model/Type A8**, A8C***, A8RC**, D8X**, D8XC***, E8X** , E8XC***
Ex marking Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021, GB/T 3836.8-2021, 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 (6 pages)

Initial issue date: 2022-01-21

Issued date: 2023-04-28

Valid to: 2027-01-20

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
Tel: 0377-63239734

P.C.: 473008
Email: ccc@cn-ex.com

CN 0001774



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

(Annex)

No.: 2021312313000447

Page 1 of 6

Product information:

1. This certificate covers the following models:

- A8**, A8C***, A8RC**, D8X**, D8XC***, E8X**, E8XC***

Additional assembly options are described by the following designation coding:

Gland Type: A8**

Type	A	8	*	*
			B S	F E
B	B:Brass material			
S	S:316 Stainless Steel material			
F	F: Dual certified db (flameproof) & eb (increased safety)			
E	E: Certified eb (increased safety) only			

Gland Type: A8C***

Type	A	8	C	*	*	*
				F M	B S	F E
F	F: Female conduit connector					
M	M: Male conduit connector					
B	B: Brass material					
S	S: 316 Stainless Steel material					
F	F: Dual certified db (flameproof) & eb (increased safety)					
E	E: Certified eb (increased safety) only					

Type A8**/A8C*** Cable Glands

Gland Size	Standard Entry Threads		Outer Sheath Data			
	Metric	NPT	Min		Max	
			A	B	A	B
20S	M20	1/2"	6.3	4.0	11.7	7.0

Issued date: 2023-04-28

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000447

Page 2 of 6

20	M20	½"	10.3	5.6	13.5	9.0
20R	M20	½"	8.1	5.8	13.5	6.2
25	M25	¾"	10.6	4.0	16.2	7.0

Additional assembly options are described by the following designation coding:
Gland Type: A8RC**

Type	A	8	R	C	*	*
					B S	F E
B S	B:Brass material S:316 Stainless Steel material					
F E	F: Dual certified db (flameproof) & eb (increased safety) E: Certified eb (increased safety) only					

Type A8RC** Cable Glands:

Gland Size	Standard Threads	Entry	Outer Sheath and Conduit Data							
			Metric	NPT	Cable Sheath Data				Conduit Data	
					Min		Max		Typical Conduit ID	Max Conduit OD
					A	B	A	B		
20S-1	M20	½"	6.3	4.0	11.2	7.0	13.0	17.1		
20S-2	M20	½"	6.3	4.0	11.7	7.0	15.0	19.3		
20S-3	M20	½"	6.3	4.0	11.7	7.0	16.9	21.5		

Issued date: 2023-04-28

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000447

Page 3 of 6

20-1	M20	1/2"	10.3	5.6	11.2	9.0	13.0	17.1
20-2	M20	1/2"	10.3	5.6	13.5	9.0	15.0	19.3
20-3	M20	1/2"	10.3	5.6	13.5	9.0	16.9	21.5
20R-1	M20	1/2"	8.1	5.8	11.2	6.2	13.0	17.1
20R-2	M20	1/2"	8.1	5.8	13.5	6.2	15.0	19.3
20R-3	M20	1/2"	8.1	5.8	13.5	6.2	16.9	21.5
25-1	M25	3/4"	10.6	4.0	16.2	7.0	16.9	23.8
25-2	M25	3/4"	10.6	4.0	16.2	7.0	18.7	24.8
25-3	M25	3/4"	10.6	4.0	16.2	7.0	21.1	26.8
25-4	M25	3/4"	10.6	4.0	16.2	7.0	20.7	27.8

Additional assembly options are described by the following designation coding:

Gland Type: D8X**

Type	D	8	X	*	*
				B S	F E
B	B:Brass material				
S	S:316 Stainless Steel material				
F	F: Dual certified db (flameproof) & eb (increased safety)				
E	E: Certified eb (increased safety) only				

Gland Type: D8XC***

Issued date: 2023-04-28

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

(Annex)

No.: 2021312313000447

Page 4 of 6

Type	D	8	X	C	*	*	*
					F M	B S	F E
F	F:Female conduit connector						
M	M:Male conduit connector						
B	B:Brass material						
S	S:316 Stainless Steel material						
F	F: Dual certified db (flameproof) & eb (increased safety)						
E	E: Certified eb (increased safety) only						

Type D8X/D8XC*** Cable Glands:**

Gland Size	Standard Entry Threads		Inner Sheath Range				Outer Sheath Range				Armour Wire Dia.	
			Min		Max		Min		Max			
	Metric	NPT	A	B	A	B	A	B	A	B	Min	Max
20S	M20	½"	6.3	4.0	11.7	7.0	7.9	4.5	11.7	7.0	0.1	0.3
20	M20	½"	10.3	5.6	13.5	9.0	11.0	4.5	13.5	9.0	0.1	0.3
20R	M20	½"	8.1	5.8	13.5	6.2	10.7	5.4	16.1	8.3	0.1	0.3

Note: A = width and B = thickness

Additional assembly options are described by the following designation coding:

Gland Type: E8X**

Type	E	8	X	*	*
				B S	F E

Issued date: 2023-04-28

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

(Annex)

No.: 2021312313000447

Page 5 of 6

B	B:Brass material
S	S:316 Stainless Steel material
F	F: Dual certified db (flameproof) & eb (increased safety)
E	E: Certified eb (increased safety) only

Gland Type: E8XC***

Type	E	8	X	C	*	*	*
					F	B	F
					M	S	E
F	F: Female conduit connector						
M	M: Male conduit connector						
B	B: Brass material						
S	S: 316 Stainless Steel material						
F	F: Dual certified db (flameproof) & eb (increased safety)						
E	E: Certified eb (increased safety) only						

Type E8X**/E8XC*** Cable Glands:

Gland Size	Standard Entry Threads		Inner Sheath Range				Outer Sheath Range				Armour Wire Dia.	
			Min		Max		Min		Max		Min	Max
	Metric	NPT	A	B	A	B	A	B	A	B		
20S	M20	½"	6.3	4.0	11.7	7.0	7.9	4.5	11.7	7.0	0.1	0.3
20	M20	½"	10.3	5.6	13.5	9.0	11.0	4.5	13.5	9.0	0.1	0.3
20R	M20	½"	8.1	5.8	13.5	6.2	10.7	5.4	16.1	8.3	0.1	0.3

Note: A = width and B = thickness

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

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

Issued date: 2023-04-28

Director:



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2021312313000447

Page 6 of 6

2. Specific conditions of safety use:

- The A8**, A8C***, A8RC**, D8X** , D8XC***, E8X** and E8XC*** ranges of cable glands shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of -60°C to +180°C.
- The A8**, A8C***, A8RC**, D8X** , D8XC***, E8X** and E8XC*** of cable glands shall only be used for fixed installations, in addition, the cables must be effectively clamped to prevent pulling or twisting.
- The A8**, A8C***, A8RC**, D8X** , D8XC***, E8X** and E8XC*** ranges of cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure on which they are fixed, are capable of providing an ingress protection of IP66 and IP68 (50 metres 7 days).
- The threaded entry component threads without interface O-ring seals installed in an explosive dust atmosphere, within threaded entries, shall only be fitted into enclosures that have either:
 - parallel entries that will ensure that a minimum of 5 full threads of contact will be maintained,
 - tapered entries that will ensure that a minimum of 3½ full threads of contact will be maintained.
- See instruction manual for other information.

3. Certificate related report(s):

- Type test report: CQST2102C010, CQST2102C010/01
- Factory inspection report: CN2021Q010178

4. Certificate change information:

- 1st change on April 28, 2023: Updated the standards for certification.

Issued date: 2023-04-28

Director:



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

