

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 CNEX-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.

中国认可 产品 PRODUCT CNAS C208-P

P.C.: 473008

http://www.ccc-cnex.com ccc.china-ex.com Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China

Tel: 0377-63239734 Email: ccc@cn-ex.com



## E FOR CHINA COMPULSORY PRODUCT CERTIFICATION

### (Annex)

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#### **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\*\*

Туре	Α	8	*	
			B S	F
B S		material tainless Steel	material	
F E			meproof) & eb ed safety) only	(increased safety)

Gland Type: A8C\*\*\*

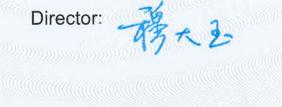
Туре	Α	8	С	//// <b>(*</b> ///		*				
		and the second		F	В	// F				
	M S E									
F	F:Fem	ale conduit	connector							
M	M:Male conduit connector									
В	B:Bras	s material								
S	S:316	Stainless S	teel materi	al						
F	F:Dua	certified d	b (flamepro	of) & eb (in	creased sa	fety)				
E			creased saf							

Type A8\*\*/A8C\*\*\* Cable Glands

	Standard I	Outer Sheath Data				
Gland Size	Madula	NDT	Min		Max	
	Metric	NPT	Α	В	Α	В
20S	M20	1/2"	6.3	4.0	11.7	7.0

Issued date: 2023-04-28







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20	M20	1/2"	10.3	5.6	13.5	9.0
20R	M20	1/2"	8.1	5.8	13.5	6.2
25	M25	3/4"	10.6	4.0	16.2	7.0

Additional assembly options are described by the following designation coding:

Gland Type: A8RC\*\*

Туре	A 8	8	R	С	1*~=	<u>*</u>				
	B F S E									
B S		s material Stainless S	teel materi	al						
F E			o (flamepro creased saf		creased sat	ety)				

Type A8RC\*\* Cable Glands:

	Standard Threads	Entry	Outer	Sheath	and Co	nduit E	)ata		
Gland			Cable	Sheath	n Data		Conduit Data		
Size		NPT	Min Max			Typical	Max Conduit		
			Α	В	A	В	Conduit ID	OD	
20S-1	M20	1/2"	6.3	4.0	11.2	7.0	13.0	17.1	
20S-2	M20	1/2"	6.3	4.0	11.7	7.0	15.0	19.3	
20S-3	M20	1/2"	6.3	4.0	11.7	7.0	16.9	21.5	

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						441111111111111111111111111111111111111	The second secon	i age o
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

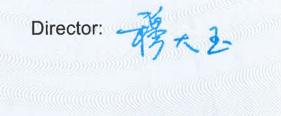
Additional assembly options are described by the following designation coding:

Gland Type: D8X\*\*

Туре	D	8	X	*	
				В	F
				S	E
B S	B:Brass S:316 St	material ainless Steel	material		
F E	F:Dual c E:Certific	ertified db (fla ed eb (increas	meproof) & eb ed safety) only	(increased safe	ety)

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Туре	D	8	X	С	*////	*	*			
	F B F E									
F M	2077911	le conduit conduit c	connector onnector							
B S		material Stainless S	Steel materi	al		٧				
F E			b (flamepro creased sat		creased sa	afety)				

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

	Standard Entry Threads		Inner	Sheat	h Rang	е	Outer Sheath Range				Armour	
Gland Size			Min	Max		Min		Max		Wire Dia.		
	Metric	NPT	Α	В	А	В	А	В	Α	В	Min	Max
20S	M20	1/2"	6.3	4.0	11.7	7.0	7.9	4.5	11.7	7.0	0.1	0.3
20	M20	1/2"	10.3	5.6	13.5	9.0	11.0	4.5	13.5	9.0	0.1	0.3
20R	M20	1/2"	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\*\*

Туре	E	8	x		*
				B S	F

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

Gland Type: E8XC\*\*\*

Туре	E	8	X	С		*	*				
A COLUMN		100 Marie		<b>生</b> 奶》。	F	В	F				
	<b>2000</b>				M	S	E				
E	F:Female conduit connector										
M	M:Male conduit connector										
В	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	
			Min		Max		Min		Max		Wire Dia.	
	Metric	NPT	Α	В	Α	В	Α	В	Α	В	Min	Max
20S	M20	1/2"	6.3	4.0	11.7	7.0	7.9	4.5	11.7	7.0	0.1	0.3
20	M20	1/2"	10.3	5.6	13.5	9.0	11.0	4.5	13.5	9.0	0.1	0.3
20R	M20	1/2"	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.

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- 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  $3\frac{1}{2}$  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:

一卷大王



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

