



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000409

Applicant and address

Peppers Cable Glands Limited
Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom

Manufacturer and address

Peppers Cable Glands Limited
Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom

Factory and address

Peppers Cable Glands Limited
Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom

Product, series, specification and model

Cable Glands
CR-***, CR-D** & CR-O***

See Annex

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

**This product(s) complies with the requirements of CNCA-C23-01: 2024
China Compulsory Certification Implementation Rule on Explosion
Protected Electrical Product.**

Issue date: 2026-05-18 Valid to: 2031-06-17

Detailed information and status of this certificate is available by using the QR code,
visiting CNEx's website or CNCA's website: www.cnca.gov.cn.

This translated document has no legal effect and shall not be used alone.



Director:

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



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000409

Annex: Page 1 of 6

Product information:

1. This certificate covers the following models:

- CR-***, CR-D** & CR-O***

Gland Type: CR-***

Type	C	R	-	*	*	*
				1	2	3
1	1:Neoprene Seals 2:Neoprene Seals with Lead Sheath Cable Continuity Washer 3:Silicone Seals 4:Silicone Seals with Lead Sheath Cable Continuity Washer					
2	B:Brass material S:316 Stainless Steel material					
3	R:Reduced Bore option					

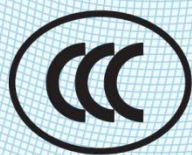
Type CR-*** Cable Glands

Gland Size	Standard Entry threads		Inner Sheath Dia.		Outer Sheath Dia.		Outer Sheath Dia.(Apply to Reduced Bore option)		Armour Type/Thickness Steel wire & Tape (Universal) or Braid/Screen	
	Metric	NPT	Min	Max	Min	Max	Min	Max	Min	Max
16	M20x1.5	½	3.4	8.4	8.4	13.5	6.7	10.3	0.15	1.25
16H	M20x1.5	½	3.4	8.4	11.5	16.0	9.4	12.5	0.15	1.25
20S	M20x1.5	½	7.2	11.7	11.5	16.0	9.4	12.5	0.15	1.25
20	M20x1.5	½	9.4	14.0	15.5	21.1	12.0	17.6	0.15	1.25
25	M25x1.5	¾	13.5	20.0	20.3	27.4	16.8	23.9	0.15	1.6
32	M32x1.5	1	19.5	26.3	26.7	34.0	23.2	30.5	0.15	2.0
40	M40x1.5	1 ¼	23.0	32.2	33.0	40.6	28.6	36.2	0.2	2.0
50S	M50x1.5	1 ½	28.1	38.2	39.4	46.7	34.8	42.4	0.2	2.5



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000409

Annex: Page 2 of 6

50H	M50x1.5	1 ½	28.1	38.2	45.7	53.2	41.1	48.5	0.2	2.5
50	M50x1.5	2	33.1	44.1	45.7	53.2	41.1	48.5	0.3	2.5
63S	M63x1.5	2	39.2	50.1	52.1	59.5	47.5	54.8	0.3	2.5
63H	M63x1.5	2	39.2	50.1	58.4	65.8	53.8	61.2	0.3	2.5
63	M63x1.5	2 ½	46.7	56.0	58.4	65.8	53.8	61.2	0.3	2.5
75S	M75x1.5	2 ½	52.1	62.0	64.8	72.2	60.2	68.0	0.3	2.5
75H	M75x1.5	2 ½	52.1	62.0	71.1	78.0	66.5	73.4	0.3	2.5
75	M75x1.5	3	58.0	68.0	71.1	78.0	66.5	73.4	0.3	2.5
80	M80x2.0	3	62.2	72.0	77.0	84.0	71.9	79.4	0.45	3.15
80H	M80x2.0	3	62.2	72.0	79.6	90.0	75.0	85.4	0.45	3.15
85	M85x2.0	3	69.0	78.0	79.6	90.0	75.0	85.4	0.45	3.15
90	M90x2.0	3 ½	74.0	84.0	88.0	96.0	82.0	91.4	0.45	3.15
90H	M90x2.0	3 ½	74.0	84.0	92.0	102.0	87.4	97.4	0.45	3.15
100	M100x2.0	3 ½	82.0	90.0	92.0	102.0	87.4	97.4	0.45	3.15
110	M110x2.0	4	92.0	102.0	104.0	117.0	-	-	0.45	3.15

Gland Type: CR-D**

Type	C	R	-	D	*	*
					1	2
1	1:Neoprene Seals 2:Neoprene Seals with Lead Sheath Cable Continuity Washer 3:Silicone Seals 4:Silicone Seals with Lead Sheath Cable Continuity Washer					
2	B:Brass material S:316 Stainless Steel material					

Type CR-D** Cable Glands:

Glan	Standard Entry	Inner Sheath	Outer	Armour
------	----------------	--------------	-------	--------



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000409

Annex: Page 3 of 6

d Size	threads		Dia.		Sheath Dia.	Type/Thickness Steel wire & Tape (Universal) or Braid/Screen	
	Metric	NPT	Min	Max	Max	Min	Max
16	M20 x1.5	½	3.4	8.4	16.0	0.15	1.25
20S	M20x1.5	½	7.2	11.7	16.0	0.15	1.25
20	M20x1.5	½	9.4	14.0	21.1	0.15	1.25
25	M25x1.5	¾	13.5	20.0	27.5	0.15	1.6
32	M32x1.5	1	19.5	26.3	34.0	0.15	2.0
40	M40x1.5	1¼	23.0	32.2	40.6	0.2	2.0
50S	M50x1.5	1½	28.1	38.2	53.2	0.2	2.5
50	M50x1.5	2	33.1	44.1	53.2	0.3	2.5
63S	M63x1.5	2	39.2	50.1	65.8	0.3	2.5
63	M63x1.5	2½	46.7	56.0	65.8	0.3	2.5
75S	M75x1.5	2½	52.1	62.0	78.0	0.3	2.5
75	M75x1.5	3	58.0	68.0	78.0	0.3	2.5
80	M80x2.0	3	62.2	72.0	90.0	0.45	3.15
85	M85x2.0	3	69.0	78.0	90.0	0.45	3.15
90	M90x2.0	3½	74.0	84.0	102.0	0.45	3.15
100	M100x2.0	3½	82.0	90.0	102.0	0.45	3.15

The Type CR-D** Cable Glands are formed by removing the outer cap, outer seal and outer skid washer from the CR-*** gland and fitting an alternative middle cap component. They are available in the same size, entry thread options and materials as the CR-*** cable gland.

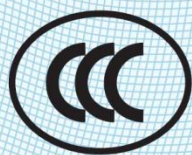
Gland Type: CR-O***

Type	C	R	-	O	*	*	*
					1	2	3
1	1:Neoprene Seals 3:Silicone Seals						



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000409

Annex: Page 4 of 6

2	B:Brass material S:316 Stainless Steel material
3	R:Reduced Bore option

Type CR-O*** Cable Glands

Gland Size	Standard threads	Entry	Inner Sheath Max Dia.	Outer Sheath Dia.		Outer Sheath Dia.(Apply to Reduced Bore option)		Armour Type/Thickness Steel wire & Tape (Universal) or Braid/Screen	
				Min	Max	Min	Max	Min	Max
16	M20x1.5	½	11.7	8.4	13.5	6.7	10.3	0.15	1.25
20S	M20x1.5	½	11.7	11.5	16.0	9.4	12.5	0.15	1.25
20	M20x1.5	½	14.0	15.5	21.1	12.0	17.6	0.15	1.25
25	M25x1.5	¾	20.0	20.3	27.4	16.8	23.9	0.15	1.6
32	M32x1.5	1	26.3	26.7	34.0	23.2	30.5	0.15	2.0
40	M40x1.5	1¼	32.2	33.0	40.6	28.6	36.2	0.2	2.0
50S	M50x1.5	1½	38.2	39.4	46.7	34.8	42.4	0.2	2.5
50H	M50x1.5	1½	44.1	45.7	46.7	34.8	42.4	0.3	2.5
50	M50x1.5	2	44.1	45.7	53.2	41.1	48.5	0.3	2.5
63S	M63x1.5	2	50.1	52.1	59.5	47.5	54.8	0.3	2.5
63H	M63x1.5	2	56.0	52.1	59.5	47.5	54.8	0.3	2.5
63	M63x1.5	2½	56.0	58.4	65.8	53.8	61.2	0.3	2.5
75S	M75x1.5	2½	62.0	64.8	72.2	60.2	68.0	0.3	2.5
75H	M75x1.5	2½	68.0	64.8	72.2	60.2	68.0	0.3	2.5
75	M75x1.5	3	68.0	71.1	78.0	66.5	73.4	0.3	2.5
80	M80x2.0	3	72.0	77.0	84.0	71.9	79.4	0.45	3.15
80H	M80x2.0	3	78.0	79.6	90.0	75.0	85.4	0.45	3.15
85	M85x2.0	3	78.0	79.6	90.0	75.0	85.4	0.45	3.15
90	M90x2.0	3½	84.0	88.0	96.0	82.0	91.4	0.45	3.15
90H	M90x2.0	3½	90.0	88.0	96.0	82.0	91.4	0.45	3.15
100	M100x2.	3½	90.0	92.0	102.0	87.4	97.4	0.45	3.15



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000409

Annex: Page 5 of 6

	0								
110	M110 x2.0	4	102.0	104.0	117.0	-	-	0.45	3.15

Ex marking:

Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da (CR-*** and CR-D**)

Ex eb IIC Gb, Ex ta IIIC Da (CR-O***)

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

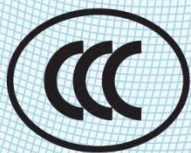
2. Specific conditions of use:

- Glands fitted with neoprene sealing rings (black) shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of -35° C to +90° C.
- Glands fitted with silicone sealing rings (white or red) shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of - 60° C to +180° C.
- When the gland is used with increased safety and/or dust protected equipment, the entry thread shall be suitably sealed to maintain the ingress protection rating of the associated enclosure.
- If the CR-***, CR-D** and CR-O*** types of cable glands only grip the cable sheath of the cable and do not clamp the cable armour or if they are used to terminate unarmoured, braided or screened cables, then they shall only be used for fixed installations, hence, the cables shall be effectively clamped to prevent pulling or twisting.



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000409

Annex: Page 6 of 6

- The CR-*** and CR-D** 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 CR-O*** range 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.
- 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 ½ full threads of contact will be maintained.
- See instruction for other information.

3. Certificate change information:

- This certificate is issued for renewal upon expiration. The first issuance date of the certificate is: 2021-06-18(Y Y/MM/DD)



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

