



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000406

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
E*****F*, D*****F and C*****E*

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.: 2021312313000406

Annex: Page 1 of 7

Product information:

1. This certificate covers the following models:

- E*****F*, D*****F and C*****E*

Gland Type: E*****F*

Type	E	*	*	*	*	*	F	*
		1	2	3	4	5		6
1	1:Neoprene Seal 2:Neoprene Seal with Lead Sheath Cable Continuity Washer 3:Silicone Seal 4:Silicone Seal with Lead Sheath Cable Continuity Washer							
2	U:Steel Wire Armour/Woven Steel Wire /Steel Tape/Braid W:Steel Wire Armour X:Woven Steel Wire/Steel Tape/Braid							
3	CF: Female thread conduit connector CM: Male thread conduit connector							
4	A:Aluminium material B:Brass material S:316 Stainless Steel material							
5	IE:Integral Earth							
6	R: Reduced Bore							

Gland Type: D*****F

Type	D	*	*	*	*	*	F
		1	2	3	4	5	
1	1:Neoprene Seal 2:Neoprene Seal with Lead Sheath Cable Continuity Washer 3:Silicone Seal 4:Silicone Seal with Lead Sheath Cable Continuity Washer						
2	U:Steel Wire Armour/Woven Steel Wire/Steel Tape/Braid W:Steel Wire Armour X:Woven Steel Wire/Steel Tape/Braid						
3	CF:Female thread conduit connector CM:Male thread conduit connector						
4	A:Aluminium material B:Brass material						



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000406

Annex: Page 2 of 7

	S:316 Stainless Steel material
5	IE: Integral Earth

The following table size is apply to E****F* and D****F Cable Glands:

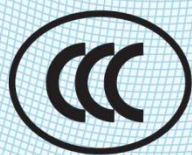
NOTES: - * Type 3 & 4 (silicone) seals on to 9.3mm diameter.
- ** The D****F gland has no outer sheath sealing, so min range is not applicable.

Gland Size	Standard Entry threads		Inner Sheath Dia.		Outer Sheath Dia.		Outer Sheath Dia. (Apply to Reduced Bore option)		Armour type /Thickness			
	Metric	NPT	Min	Max	Min*	Max	Min	Max	W-Wire armour	X-Braid & Tape	U-Wire Armour	U-Braid & Tape
16	M16x1.5	3/8	3.5	8.4	8.4	13.5	4.9	10.0	0.9	0.150 .35	0.8-1.25	0.2-0.8
20S	M20x1.5	1/2	8.0	11.7	11.5	16.0	9.4	12.5	0.91.25	0.150 .35	0.8-1.25	0.2-0.8
20	M20x1.5	1/2	6.7*	14.0	15.5	21.1	12.0	17.6	0.91.25	0.150 .50	0.8-1.25	0.2-0.8
25	M25x1.5	3/4	13.0	20.0	20.3	27.4	16.8	23.9	1.251.6	0.150 .50	1.25-1.6	0.2-0.8
32	M32x1.5	1	19.0	26.3	26.7	34.0	23.2	30.5	1.62.0	0.150 .55	1.6 - 2.0	0.3-1.2
40	M40x1.5	1 1/4	25.0	32.2	33.0	40.6	28.6	36.2	1.62.0	0.2 .6	1.6 - 2.0	0.3-1.2
50S	M50x1.5	1 1/2	31.5	38.2	39.4	46.7	34.8	42.4	2.02.5	0.2 .6	2.0 - 2.5	0.3-1.6
50H	M50x1.5	1 1/2	31.5	38.2	45.7	53.2	41.1	48.5	2.02.5	0.2 .6	2.0 - 2.5	0.3-1.6
50	M50x1.5	2	36.5	44.1	45.7	53.2	41.1	48.5	2.02.5	0.3 .8	2.0 - 2.5	0.3-1.6
63S	M63x1.5	2	42.5	50.1	52.1	59.5	47.5	54.8	2.5	0.3 .8	2.0 - 2.5	0.3-1.6
63H	M63x1.5	2	42.5	50.1	58.4	65.8	53.8	61.2	2.5	0.3 .8	2.0 - 2.5	0.3-1.6



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000406

Annex: Page 3 of 7

63	M63x1.5	2½	49.5	56.0	58.4	65.8	53.8	61.2	2.5	0.3 0.8	2.0 2.5	-	0.3-1.6
75S	M75x1.5	2½	54.5	62.0	64.8	72.2	60.2	68.0	2.5	0.3 1.0	2.0 2.5	-	0.5-1.6
75H	M75x1.5	2½	54.5	62.0	71.1	78.0	66.5	73.4	2.5	0.3 1.0	2.0 2.5	-	0.5-1.6
75	M75x1.5	3	60.5	68.0	71.1	78.0	66.5	73.4	2.5	0.3 1.0	2.0 2.5	-	0.5-1.6
80	M80x2.0	3	62.2	72.0	77.0	84.0	71.9	79.4	3.15	0.45 1.0	3.15-4.0	-	0.5-1.6
80H	M80x2.0	3	62.2	72.0	79.6	90.0	75.0	85.4	3.15	0.45 1.0	3.15-4.0	-	0.5-1.6
85	M85x2.0	3	69.0	78.0	79.6	90.0	75.0	85.4	3.15	0.45 1.0	3.15-4.0	-	0.5-1.6
90	M90x2.0	3½	74.0	84.0	88.0	96.0	82.0	91.4	3.15	0.45 1.0	3.15-4.0	-	0.5-1.6
90H	M90x2.0	3½	74.0	84.0	92.0	102.0	87.4	97.4	3.15	0.45 1.0	3.15-4.0	-	0.5-1.6
100	M100x2.0	3½	82.0	90.0	92.0	102.0	87.4	97.4	3.15	0.45 1.0	3.15-4.0	-	0.5-1.6

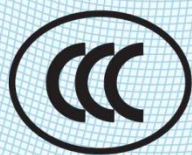
Type C****E* Cable Glands

Type	C	*	*	*	*	*	E	*
		1	2	3	4	5		6
1	1:Neoprene Seal 3:Silicone Seal							
2	U:Steel Wire Armour/Woven Steel Wire/Steel Tape/Braid W:Steel Wire Armour X:Woven Steel Wire/Steel Tape/Braid							
3	CF:Female thread conduit connector CM:Male thread conduit connector							
4	A:Aluminium material B:Brass material S:316 Stainless Steel material							
5	IE: Integral Earth							
6	R: Reduced Bore							



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000406

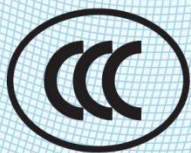
Annex: Page 4 of 7

Gland Size	Standard Entry threads		Inner Sheath Dia.	Outer Sheath Dia.		Outer Sheath Dia. (Applied to Reduced Bore option)		Armour type/Thickness			
	Metric	NPT	Max	Min*	Max	Min	Max	W-Wire armour	X-Braid & Tape	U-Wire Armour	U-Braid & Tape
16	M16x1.5	3/8	8.4	8.4	13.5	4.9	10.0	0.9	0.150 .35	0.8-1.25	0.2-0.8
20S	M20x1.5	1/2	11.7	11.5	16.0	9.4	12.5	0.91.25	0.150 .35	0.8-1.25	0.2-0.8
20	M20x1.5	1/2	14.0	15.5	21.1	12.0	17.6	0.91.25	0.150 .50	0.8-1.25	0.2-0.8
25	M25x1.5	3/4	20.0	20.3	27.4	16.8	23.9	1.251.6	0.150 .50	1.25-1.6	0.2-0.8
32	M32x1.5	1	26.3	26.7	34.0	23.2	30.5	1.62.0	0.150 .55	1.62.0	0.3-1.2
40	M40x1.5	1 1/4	32.2	33.0	40.6	28.6	36.2	1.62.0	0.20.6	1.62.0	0.3-1.2
50S	M50x1.5	1 1/2	38.2	39.4	46.7	34.8	42.4	2.02.5	0.20.6	2.02.5	0.3-1.6
50H	M50x1.5	1 1/2	38.2	45.7	53.2	41.1	48.5	2.02.5	0.20.6	2.02.5	0.3-1.6
50	M50x1.5	2	44.1	45.7	53.2	41.1	48.5	2.02.5	0.30.8	2.02.5	0.3-1.6
63S	M63x1.5	2	50.1	52.1	59.5	47.5	54.8	2.5	0.30.8	2.02.5	0.3-1.6
63H	M63x1.5	2	50.1	58.4	65.8	53.8	61.2	2.5	0.30.8	2.02.5	0.3-1.6
63	M63x1.5	2 1/2	56.0	58.4	65.8	53.8	61.2	2.5	0.30.8	2.02.5	0.3-1.6
75S	M75x1.5	2 1/2	62.0	64.8	72.2	60.2	68.0	2.5	0.31.0	2.02.5	0.5-1.6
75H	M75x1.5	2 1/2	62.0	71.1	78.0	66.5	73.4	2.5	0.31.0	2.02.5	0.5-1.6
75	M75x1.5	3	68.0	71.1	78.0	66.5	73.4	2.5	0.31.0	2.02.5	0.5-1.6
80	M80x2.0	3	72.0	77.0	84.0	71.9	79.4	3.15	0.451.0	3.15-4.0	0.5-1.6



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000406

Annex: Page 5 of 7

80H	M80x2.0	3	72.0	79.6	90.0	75.0	85.4	3.15	0.45 1.0	3.15-4.0	0.5-1.6
85	M85x2.0	3	78.0	79.6	90.0	75.0	85.4	3.15	0.45 1.0	3.15-4.0	0.5-1.6
90	M90x2.0	3½	84.0	88.0	96.0	82.0	91.4	3.15	0.45 1.0	3.15-4.0	0.5-1.6
90H	M90x2.0	3½	84.0	92.0	102.0	87.4	97.4	3.15	0.45 1.0	3.15-4.0	0.5-1.6
100	M100x2.0	3½	90.0	92.0	102.0	87.4	97.4	3.15	0.45 1.0	3.15-4.0	0.5-1.6

Design options:

- 1) Cable glands can be fitted with multi-clamping clamp ring for all amour types. These glands, indicated with option code U , are not available in aluminum material.
- 2) When fitted with neoprene seals the service temperature range of the glands is: -35°C to +90°C. When fitted with silicone seals the service temperature range of the glands is: -60°C to +180°C.
- 3) All gland types with parallel threaded entry threads may have a modified thread length of a minimum of 10 mm and be marked suitable only for Ex eb applications.
- 4) All gland types with parallel threaded entry threads to be manufactured with a longer than standard thread length to suit the end use application.
- 5) All gland types with parallel threaded entry threads may optionally be fitted with an O-ring seal.
- 6) All cable glands may be fitted with alternative component on the rear back to allow connection of conduits.

Ex marking:

E****F* & D****F:

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

C****E*:

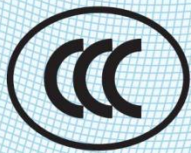
Ex eb IIC Gb, Ex ta IIIC Da

- Producers should organize production in accordance with the technical



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000406

Annex: Page 6 of 7

documents approved by the certification body.

2. Specific conditions of use:

- The Ranges of Cable Glands shall not be used in enclosures where the temperature, at the point of contact exceeds the following temperatures.

a) -35° C to +90° C for neoprene seal variants;

b) -60° C to 180° C for the silicone seal variants.

- The E****F*, D****F 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 meters 7 days).

- The C****E* 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.

- 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.

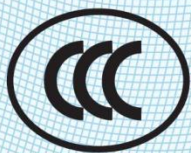
- tapered entries that will ensure that a minimum of 3 ½ full threads of contact will be maintained.

- If the cable glands only grip the cable sheath and do not clamp the



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000406

Annex: Page 7 of 7

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.

- 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.

