



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000408

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

A*L**, A****, A*LC*** and A*RC***

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

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

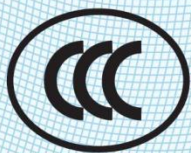
Detailed information and status of this certificate is available by using the QR code,
visiting CNEx's website or CNCA's website: www.cnca.gov.cn.

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Director:

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



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Product information:

1. This certificate covers the following models:

- A*L**, A****, A*LC*** and A*RC*** Range

The cable gland range is as follows:

Gland Type: A*L**

Type	A	*	L	*	*
		1		2	3
1	1:Neoprene Seal with Lead Sheath Cable Continuity Washer 2:Neoprene Seal 3:Silicone Seal 4:Silicone Seal with Lead Sheath Cable Continuity Washer				
2	A:Aluminium B:Brass material S:316 Stainless Steel material				
3	F:Ex db (flameproof) and Ex eb (Increased Safety) approvals E:Ex eb (Increased Safety) approval only				

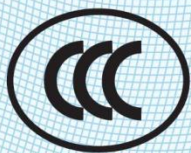
Gland Type: A****

Type	A	*	*	*	*
		1	2	3	4
1	1:Neoprene Seal with Lead Sheath Cable Continuity Washer 2:Neoprene Seal 3:Silicone Seal 4:Silicone Seal with Lead Sheath Cable Continuity Washer				



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2	LDS:Fixed Double seal RDC:Double seal with Rotating flexible conduit connector RDF:Double seal with rotating female thread conduit nut RDM:Double seal with Rotating male thread conduit nut
3	A:Aluminium B:Brass material S:316 Stainless Steel material
4	F:Ex db (flameproof) and Ex eb (Increased Safety) approvals E:Ex eb (Increased Safety) approval only

Gland Type: A*LC***

Type	A	*	LC	*	*	*
		1		2	3	4
1	1:Neoprene Seal with Lead Sheath Cable Continuity Washer 2:Neoprene Seal 3:Silicone Seal 4:Silicone Seal with Lead Sheath Cable Continuity Washer					
2	H:Single seal with fixed hose connector F:Single seal with fixed female thread conduit connector M:Single seal with fixed male thread conduit connector					
3	A:Aluminium B:Brass material S:316 Stainless Steel material					
4	F:Ex db (flameproof) and Ex eb (Increased Safety) approvals E:Ex eb (Increased Safety) approval only					

Gland Type: A*RC***

Type	A	*	RC	*	*	*
		1		2	3	4
1	1:Neoprene Seal with Lead Sheath Cable Continuity Washer 2:Neoprene Seal 3:Silicone Seal 4:Silicone Seal with Lead Sheath Cable Continuity Washer					
2	C:Single seal with rotating flexible conduit connector F:Single seal with rotating female thread conduit connector					



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PRODUCT
CNAS C208-P



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	M:Single seal with rotating male thread conduit connector
3	A:Aluminium B:Brass material S:316 Stainless Steel material
4	F:Ex db (flameproof) and Ex eb (Increased Safety) approvals E:Ex eb (Increased Safety) approval only

Type A*L**, A**** (A*LDS**, A*RDF**和 A*RDM**), A*LC** and A*RC***
(A*RCF**, A*RCM**) Cable Glands

Glands size	Standard Entry Threads		Outer Sheath Dia.	
	Metric	NPT	Min	Max
12	M12 x1.5	1/4	0.9	6.0
16	M16 x1.5	3/8	4.0	8.4
20S	M20 x1.5	1/2	7.2	11.7
20	M20 x1.5	1/2	9.4	14.0
25	M25 x1.5	3/4	13.5	20.0
32	M32 x1.5	1	19.5	26.3
40	M40 x1.5	1 1/4	23.0	32.2
50S	M50 x1.5	1 1/2	28.1	38.2
50	M50 x1.5	2	33.1	44.1
63S	M60 x1.5	2	39.2	50.1
63	M60 x1.5	2 1/2	46.7	56.0
75S	M75 x1.5	2 1/2	52.1	62.0
75	M75 x1.5	3	58.0	68.0
80	M80 x2.0	3	62.2	72.0
85	M85 x2.0	3	69.0	78.0
90	M90 x2.0	3 1/2	74.0	84.0
100	M100 x2.0	3 1/2	82.0	90.0

Type A**** (A*RDC**) and A*RC*** (A*RCC**) Cable Glands

Gland size	Standard threads	Entry	Cable outer sheath dia.	Conduit size
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	Metric	NPT	Min	Max	I/D Min	O/D Max
12-1	M12 x1.5	¼	0.9	5.4	6.8	10.3
12-2	M12 x1.5	¼	0.9	6.0	10.2	14.1
12-3	M12 x1.5	¼	0.9	6.0	9.1	14.3
12-4	M12 x1.5	¼	0.9	6.0	10.9	15.8
12-5	M12 x1.5	¼	0.9	6.0	7.8	13.0
16-1	M16 x1.5	3/8	4.0	8.4	10.2	14.1
16-2	M16 x1.5	3/8	4.0	8.4	10.9	15.8
16-3	M16 x1.5	3/8	4.0	8.4	13.0	17.1
20S-1	M20 x1.5	½	7.2	11.0	13.0	17.1
20S-2	M20 x1.5	½	7.2	11.7	13.9	19.3
20S-3	M20 x1.5	½	7.2	11.7	14.6	20.7
20-1	M20 x1.5	½	9.4	14.0	16.9	22.3
20-2	M20 x1.5	½	9.4	14.0	16.9	23.8
20-3	M20 x1.5	½	9.4	14.0	18.7	24.8
20-4	M20 x1.5	½	9.4	14.0	20.7	28.3
20-5	M20 x1.5	½	9.4	14.0	13.9	19.3
25-1	M25 x1.5	¾	13.5	20.0	23.7	31.3
25-2	M25 x1.5	¾	13.5	19.0	21.1	26.8
25-3	M25 x1.5	¾	13.5	19.0	25.0	31.3
25-4	M25 x1.5	¾	13.5	20.0	20.7	28.3
32-1	M32 x1.5	1	19.5	26.0	28.1	33.3
32-2	M32 x1.5	1	19.5	26.3	30.4	40.8
32-3	M32 x1.5	1	19.5	26.3	30.4	38.8
40-1	M40 x1.5	1¼	23.0	32.2	36.4	46.8
40-2	M40 x1.5	1¼	23.0	32.2	36.4	44.8
40-3	M40 x1.5	1¼	23.0	32.2	37.6	45.3
50S-1	M50 x1.5	1½	28.1	38.2	48.4	55.8



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50-1	M50 x1.5	2	33.1	44.1	48.4	55.8
63S-1	M63 x1.5	2	39.2	50.1	57.5	64.8
63-1	M63 x1.5	2½	46.7	53.6	57.5	64.8

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.

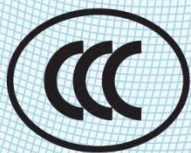
2. Specific conditions of use:

- The A*L**, A****, A*LC*** and A*RC*** Range of Cable Glands shall not be used in enclosures where the temperature at the point of entry/mounting exceeds the following.
 - -35° C to +90° C for the Neoprene (black) seal variants
 - -60° C to +180° C for the Silicone (white) seal variants
- The cable entries are only suitable for fixed installations. Cables must be effectively clamped to prevent pulling or twisting.
- The A****, A*L**, A*LC*** and A*RC* 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 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



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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)



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