

CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2024312313000604

Applicant and address

Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Deliklikaya Mah. Yüzbaşı Mehmet Hilmi Cad. No:28 İç Kapı No:1,
Arnavutköy/İstanbul, Türkiye

Manufacturer and address

Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Deliklikaya Mah. Yüzbaşı Mehmet Hilmi Cad. No:28 İç Kapı No:1,
Arnavutköy/İstanbul, Türkiye

Factory and address

Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Deliklikaya Mah. Yüzbaşı Mehmet Hilmi Cad. No:28 İç Kapı No:1,
Arnavutköy/İstanbul, Türkiye

Product, series, specification and model

Cable Glands

VOL*****, VOLC*****, VOLF*****, VOLM*****, VOLS*****,
VOLSC*****, VOLS*****, VOLSM*****,
Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db

Standards

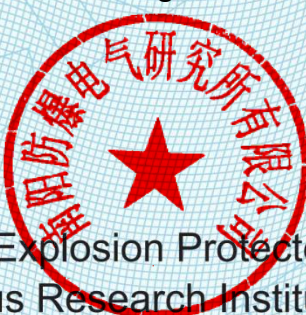
GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021, GB/T 3836.31-2021

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

Issue date: 2025-08-22 Valid to: 2029-01-23

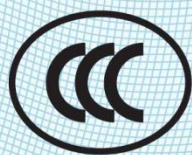
Detailed information and status of this certificate is available by using the QR code,
visiting CNEx's website or CNCA's website: www.cnca.gov.cn.

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Director:

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CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2024312313000604

Annex: Page 1 of 6

Product information:

1. This certificate covers the following models:

- VOL*****, VOLC*****, VOLF*****, VOLM*****, VOLS*****,
VOLSC*****, VOLSF*****, VOLSM*****

See the following table for detailed type designation:

VOL/VOLS	*	*	*	*	*	*	*
	1	2	3	4	5	6	7
1	Model codes corresponding to mounting thread types and sizes						
2	Optional code: Blank: Standard clamping range XS or S: Reduced clamping range						
3	Thread pitch (*) Blank: 1.5 pitch 2: 2.0 pitch						
4	Mounting thread type: N: NPT M: Metric P: PG (for Ex-e only)						
5	Body material: B: Brass X: Stainless steel BN: Nickel plated brass Z: Galvanized steel						
6	Sealing material : S: Silicon						
7	Lead sheath cables: -LSK: Lead sheath spring (optional)						
(*) - For Metric threads only							



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2024312313000604

Annex: Page 2 of 6

Annex Page 2 of 3

VOLC/VOLSC	*	*	*	*	*	*	*	*
	1	2	3	4	5	6	7	8
1	Model codes corresponding to mounting thread types and sizes							
2	Optional code: Blank: Standard clamping range XS or S: Reduced clamping range							
3	Thread pitch (*) Blank: 1.5 pitch 2: 2.0 pitch							
4	Mounting thread type: N: NPT M: Metric P: PG (for Ex-e only)							
5	Ferule type S: Small Blank: Standard L: Large XL: X-large							
6	Body material: B: Brass X: Stainless steel BN: Nickel plated brass Z: Galvanized steel							
7	Sealing material : S: Silicon							
8	Lead sheath cables: -LSK: Lead sheath spring (optional)							

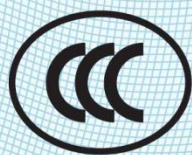
(*) - For Metric threads only

VOLF/VOLM/ VOLSF/VOLSM * * * * * * * * * *



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2024312313000604

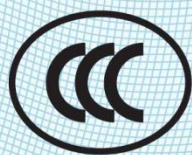
Annex: Page 3 of 6

	1	2	3	4	5	6	7	8	9	10	11
1		Model codes corresponding to mounting thread types and sizes									
2		Optional code: Blank: Standard clamping range XS or S: Reduced clamping range									
3		Thread pitch (*) Blank: 1.5 pitch 2: 2.0 pitch									
4		Mounting thread type: N: NPT M: Metric P: PG (for Ex-e only)									
5		Model codes corresponding to the upper thread types and sizes									
6		Optional code: Blank: Standard clamping range XS or S: Reduced clamping range									
7		Thread pitch (*) Blank: 1.5 pitch 2: 2.0 pitch									
8		Upper thread type: N: NPT M: Metric P: PG (for Ex-e only)									
9		Body material: B: Brass X: Stainless steel BN: Nickel plated brass Z: Galvanized steel									
10		Sealing material : S: Silicon									
11		Lead sheath cables: -LSK: Lead sheath spring (optional)									



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2024312313000604

Annex: Page 4 of 6

(*) - For Metric threads only

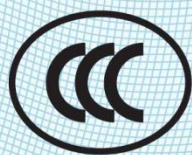
Models sizes:

Cable gland thread size code		Thread size		Cable Dia. ranges (mm)	
Metric code	NPT code	Metric	NPT	Inner sheath	Armour sheath
0S	0S	M12	1/4"	3.0-8.0	5.5-12.0
01S	01S	M16	3/8"	3.0-8.0	5.5-12.0
01	01	M16	1/2"	6.0-12.0	9.0-16.0
1XS	1XS	M20	1/2"	3.0-8.0	5.5-12.0
1S	1S	M20	1/2"	6.0-12.0	9.0-16.0
1	1	M20	1/2"	6.0-14.0	12.0-20.0
2XS	2XS	M25	3/4"	6.0-12.0	9.0-16.0
2S	2S	M25	3/4"	6.0-14.0	12.0-20.0
2	2	M25	3/4"	11.0-20.0	16.0-26.0
3XS	3XS	M32	1"	6.0-14.0	12.0-20.0
3S	3S	M32	1"	11.0-20.0	16.0-26.0
3	3	M32	1"	16.0-26.5	20.0-33.0
4XS	4XS	M40	1 1/4"	11.0-20.0	16.0-26.0
4S	4S	M40	1 1/4"	16.0-26.5	20.0-33.0
4	4	M40	1 1/4"	22.0-32.5	29.0-41.0
5XS	5XS	M50	1 1/2"	16.0-26.5	20.0-33.0
5S	5S	M50	1 1/2"	22.0-32.5	29.0-41.0
5	5	M50	1 1/2"	29.0-44.0	36.0-52.0
6XS	6XS	M63	2"	22.0-32.5	29.0-41.0
6S	6S	M63	2"	29.0-44.0	36.0-52.0
6	-	M63	-	43.0-56.0	50.0-65.0
-	6	-	2"	43.0-54.3	50.0-65.0
7XS	7XS	M75	2 1/2"	29.0-44.0	36.0-52.0
7S	7S	M75	2 1/2"	43.0-56.0	50.0-65.0
7	-	M75	-	54.0-68.0	61.0-78.0
-	7	-	2 1/2"	54.0-65.3	61.0-78.0



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2024312313000604

Annex: Page 5 of 6

80XS	80XS	M80	3"	43.0-56.0	50.0-65.0
80S	80S	M80	3"	54.0-68.0	61.0-78.0
80	80	M80	3"	65.0-75.0	75.0-89.0
8X	-	M90	-	43.0-56.0	50.0-65.0
-	9XS	-	3 1/2"	54.0-68.0	61.0-78.0
8S	-	M90	-	54.0-68.0	61.0-78.0
-	9S	-	3 1/2"	65.0-78.0	75.0-89.0
8	-	M90	-	65.0-78.0	75.0-89.0
-	9	-	3 1/2"	76.0-92.0	88.0-104.0
9XS	10XS	M100	4"	54.0-68.0	61.0-78.0
-	10S	-	4"	65.0-78.0	75.0-89.0
9S	-	M100	-	65.0-78.0	75.0-89.0
9	10	M100	4"	76.0-92.0	88.0-104.0
10XS	-	M110	-	54.0-68.0	61.0-78.0
-	11XS	-	5"	65.0-78.0	75.0-89.0
10S	-	M110	-	65.0-78.0	75.0-89.0
-	11S	-	5"	76.0-92.0	88.0-104.0
10	-	M110	-	76.0-92.0	88.0-104.0
11XS	-	M115	-	54.0-68.0	61.0-78.0
11S	-	M115	-	65.0-78.0	75.0-89.0
11	-	M115	-	76.0-92.0	88.0-104.0

Ambient / service temperature range:

All the models are admitted for: -60°C~+130°C

Models made of Galvanized carbon steel: -20°C~+130°C

Degree of protection: IP66/IP68 (50 m for 30 min.)

Ex marking: Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb,

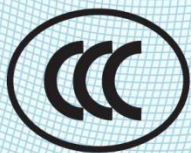
Ex tb IIIC Db

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



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





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2024312313000604

Annex: Page 6 of 6

2. Specific conditions of use:

- The coupling of the cable glands with the enclosures shall be made as indicated by the manufacturer in the documents annexed to this certificate in order to respect the type of protection of the electrical apparatus on which cable glands are mounted.
- The cable glands shall be mounted at the electrical apparatus in such a way that accidental rotation and loosening will be prevented.
- The cable glands VOL** and VOLS** series have to be protected from hydraulic fluids, oils and greases when applied for Group I (mines) applications.
- The cable glands VOL** and VOLS** series with sizes lower than M20 and 1/2"NPT are not admitted for Group I (mines)
- When the cable glands VOL** and VOLS** series are designed for use in Group I (mines) applications:
 - the cables should be installed in compliance with the requirements of the local code of practice;
 - conduits should provide additional mechanical protection only.
- The cable glands shall be installed in such a way that the temperature at the mounting point will remain within the service temperature ranges accordingly to the marking.
- The degree of protection IP 66/68 will be guaranteed for the cable glands if the holes into which cable glands are mounted are suitably sealed. To this scope the correct positioning of the gaskets (for cylindrical threads) or the application of sealant on the threads (for tapered threads), shall be done as indicated in the manufacturer instruction.
- See instruction manual for other information.

3. Certificate change information:

- 1st change on August 22, 2025: Change of the address of the Applicant, the Manufacturer and the Factory.



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