



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000413

Applicant Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Address S.S Bakir Piriç Sanayi Sitesi Leylak Caddesi no:16 TR - 34524
Beylikdüzü – Istanbul,Turkey
Manufacturer Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Address S.S Bakir Piriç Sanayi Sitesi Leylak Caddesi no:16 TR - 34524
Beylikdüzü – Istanbul,Turkey
Production Factory Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Production Address S.S Bakir Piriç Sanayi Sitesi Leylak Caddesi no:16 TR - 34524
Beylikdüzü – Istanbul,Turkey
Product Adaptors
Model/Type B-RAxxxxxxxx, B-RBxxxxxxxx, B-RMxxxxxxxx, B-RNxxxxxxxx
Ex marking Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP66/68
Reference Standards GB3836.1-2010, GB3836.2-2010, GB3836.3-2010,
GB12476.1-2013, GB12476.5-2013

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 (4 pages).

Issued on: 2021-06-22

Valid to: 2026-06-21

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.



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Product information:

1. This certificate covers the following models:

- B-RAxxxxxxxx, B-RBxxxxxxxx, B-RMxxxxxxxx, B-RNxxxxxxxx

The adapters series B-RAxxxxxxxx, B-RBxxxxxxxx, B-RMxxxxxxxx and B-RNxxxxxxxx are used to match equipments, pipes and hubs having different threaded or plane entry size. Attachment of the Adaptors to an enclosure is by means of the male threaded portion on the male body.

B-RAxxxxxxxx– they are used to reduce a female hub or increase a male hub.

B-RBxxxxxxxx – they are used to increase a female hub or reduce a male hub.

B-RMxxxxxxxx – they are used to vary the diameter of a male hub by transforming it into a female hub.

B-RNxxxxxxxx – they are used to vary the diameter of a female hub by transforming it into a male hub

See the following table for detailed designation:

<u>xxxx</u>	<u>xx</u>	<u>x</u>	<u>x</u>	<u>xx</u>	<u>x</u>	<u>x</u>	<u>x</u>
1	2	3	4	5	6	7	8

1	-B-RA: male-female hub reducer -B-RB: female- male hub reducer -B-RM: female-female hub coupling or reducer adaptor -B-RN: male-male nipple
2	Size of first Adaptor thread(see following table) Pitch(for Metric thread only)
3	-blank : 1.5mm pitch -2: 2.0mm pitch (for size equal or greater than M60 only)
4	Type of first Adaptor thread(Male/Female): - N: NPT

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	- P: PG (assessed for Ex e type of protection only) - M:Metric pitch 1.5
5	Size of second Adaptor thread(see following table) Pitch(for Metric thread only)
6	-blank : 1.5mm pitch -2: 2.0mm pitch (for size equal or greater than M60 only)
7	Type of second Adaptor thread(Male/Female): - N: NPT - P: PG (assessed for Ex e type of protection only) - M:Metric pitch 1,5
8	Type of material: - B: brass - BN: nickel-plated brass - X: stainless steel - Z: galvanized carbon steel

The size codes and standard thread types of Adaptors are listed on the following Table:

Adaptor thread size	NPT		Metric		PG	
	Size	Thread type	Pitch 1.5	Pitch 2.5	Size	Thread type
01	3/8	3/8"	M16	-	-	-
1	1/2	1/2"	M20	-	7	7
2	3/4	3/4"	M25	-	9	9
3	1	1"	M32	-	11	11
4	1 -1/4	1 1/4"	M40	-	13.5	13.5
5	1-1/2	1 1/2"	M50	-	16	16
60	-	-	M60	M60	-	-
6	2	2"	M63	M63	21	21
70	-	-	M70	M70	-	-

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7	2 1/2	2 1/2"	M75	M75	29	29
80	-	-	M80	M80	-	-
85	-	-	M85	M85	-	-
8	3	3"	M90	M90	36	36
9	3-1/2	3 1/2"	M100	M100	42	42
10	4	4"	M110	M110	48	48

The Adaptors series B-RAxxxxxxxx, B-RAxxxxxxxx, B-RMxxxxxxxx and B-RNxxxxxxxx are used to match equipment, pipes and hubs having different threaded entry sizes. Attachment of the Adaptors to an enclosure is by means of the male threaded portion on the male body.

Ex marking: Ex d IIC Gb, Ex e IIC Gb, Ex tD A21 IP66/68

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

2. Specific conditions of safety use:

- The coupling of the adaptors with the conduits or 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 the adaptors and plugs are mounted.

- The adaptors shall be mounted at the conduit or at the electrical apparatus in such a way that accidental rotation and loosening will be prevented.

- The adaptors shall be installed in such a way that the temperature at the mounting point will remain within the following service temperature ranges:

-40°C to +100°C for Adaptors with Chloroprene O-rings;

-60°C to +130°C for Adaptors with Silicon O-rings and flat washers;

-40 °C to +80 °C for Adaptors with Chloroprene or Silicone O-Rings and Fiber flat

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washers;

Restricted use up to -20°C for Adaptors made of galvanized carbon steel.

- The degree of protection IP 66/68 will be guaranteed for the adaptors if the holes into which adaptors 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 for other information.

3. Certificate related report(s):

- Type test report: CQST2105C106

- Factory inspection report: CN2021Q010125

4. Certificate change information: None

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