



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX CQM 25.0029X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2025-06-05
Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555 Baoqian Road, Jiading District, Shanghai, 201808
China
Equipment: **Explosion-proof connectors typed BGJ -**(*) / (***)**
Optional accessory:
Type of Protection: **Flameproof enclosure "db", Increased safety "eb", Dust ignition protection by enclosure "tb"**
Marking: Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db for Explosion-proof connectors with Metric and NPT threads
Ex eb IIC Gb for Explosion-proof connectors with G threads

Approved for issue on behalf of the IECEx
Certification Body:

Ji Xiaodong

Position:

President

Signature:
(for printed version)

Date:
(for printed version)

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Certificate issued by:

China Quality Mark Certification Group Co., Ltd.
No. 33 Zengguang Road, Haidian District
Beijing City, Postal code: 100048
China





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Manufacturer: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555 Baoqian Road, Jiading District, Shanghai, 201808
China

Manufacturing locations: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555 Baoqian Road, Jiading District, Shanghai, 201808
China

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

[IEC 60079-31:2022](#) Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[CN/CQM/ExTR25.0026/00](#)

[NL/CNEX/ExTR18.0048/00](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/13](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

BGJ -** (*) / ** (*) Explosion-proof connectors serve as accessories for cable gland and equipment connections. The assembly consists of connectors, O-rings, and sealing rings. The connectors are made of carbon steel, stainless steel, or brass. The O-rings and sealing rings are made of VMQ silicone rubber, and are placed between the connectors and Ex equipment for connections, except for NPT threads. Ingress protection is IP66.

- Both Metric and NPT threads are available for Ex db IIC Gb, Ex eb IIC Gb, and Ex tb IIIC Db.

- G threads are available exclusively for Ex eb IIC Gb.

Nomenclature:

BGJ -①② (③) / ④⑤(⑥)

①stands for Thread: M: Metric Thread, NPT: NPT Thread, G: Pipe Thread;

②stands for Size;

③stands for Thread: M: Male Thread, F: Female Thread;

④stands for Thread: M: Metric Thread, NPT: NPT Thread, G: Pipe Thread;

⑤stands for Size;

⑥stands for Thread: M: Male Thread, F: Female Thread.

G Thread: G^{1/2}", G^{3/4}", G1", G1^{1/4}", G1^{1/2}", G2", G2^{1/2}", G3", G4".

NPT Thread: 1/2" NPT, 3/4" NPT, 1" NPT, 1 1/4" NPT, 1 1/2" NPT, 2" NPT, 2 1/2" NPT, 3" NPT, 4" NPT.

Metric Thread: M16×1.5, M20×1.5, M25×1.5, M32×1.5, M40×1.5, M50×1.5, M63×1.5, M75×1.5, M90×1.5, M110×2, M115×2.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. Rated service temperature range (°C) : -60°C~+100°C.

2. Only one connector is permitted for each cable entry, blanking elements shall not be used with connectors.

3. Contact the original manufacturer for the detail information of flameproof joint.