

[1] **EU - TYPE EXAMINATION CERTIFICATE**
[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU Annex III, Module B

- [3] EU – Type Examination Certificate Number ACE25ATEX030X Rev00
- [4] Product Explosion-proof connectors Model BGJ-**(*)/**(*)
- [5] Manufacturer WAROM TECHNOLOGY INCORPORATED COMPANY
- [6] Address No. 555 Baoqian Road, Jiading District, Shanghai, 201808
China
- [7] This equipment or protective system and any acceptable variation there to are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation nº: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive
The examination and test results are recorded in confidential Report nº.
EX_EXD017_25_25-1083, EX_EXE013_25_25-1083, EX_EXT012_25_25-1083
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0:2018 : Explosive atmospheres — Part 0: Equipment — General requirements
EN 60079-1:2014: Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures ‘d’
EN 60079-7: 2015/A1:2018: Explosive atmospheres - Part 7: Equipment protection by increased safety ‘e’
EN 60079-31:2014: Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure ‘t’
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [11] This EU – Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:



II 2G Ex db IIC Gb, Ex eb IIC Gb, II 2 D Ex tb IIIC Db for Explosion-proof connectors with Metric and NPT threads
II 2G Ex eb IIC Gb for Explosion-proof connectors with G threads

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Date: 08/08/2025



**Advanced Consulting and Engineering
Iberia SL**
Notified Body No NB3024

Matteo Marconi, CEO

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[13]

SCHEDULE

[14]

EU-Type Examination Certificate No: ACE25ATEX030X Rev00

[15] Description of equipment

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: G1/2", G3/4", 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.

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[13] **SCHEDULE**

[14] EU – Type Examination Certificate No: ACE25ATEX030X Rev00

[16] Test documents are listed in the test report nº
EX_EXD017_25_25-1083, EX_EXE013_25_25-1083, EX_EXT012_25_25-1083

[17] Special conditions for safe use
 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 detailed information of flameproof joint.

[18] Essential Health and Safety Requirements
Are fulfilled by the harmonized standard

[19] Documents and technical datasheets:

Title	Object	Revision	Date
BGJ Series explosion-proof connector general assembly drawing	8301770189	Edition 3.0	2025.6.17
BGJ Series explosion-proof connector general assembly drawing	8301770198	Edition 3.0	2025.6.17
BGJ Series explosion-proof connector general assembly drawing	8301770207	Edition 3.0	2025.6.17
BGJ Series explosion-proof connector general assembly drawing	6309960129	Edition 3.0	2025.6.17
BGJ Series explosion-proof connector general assembly drawing	6309960130	Edition 3.0	2025.6.17
BGJ Series explosion-proof connector general assembly drawing	8301770181	Edition 3.0	2025.6.17
O type sealing ring	3HRW100004.1-10	Edition 1.0	2025.4.21
Sealing ring	3HRW100496.1 ~ 20	Edition 1.0	2025.4.21
Nameplate	840860086401	Edition 1.0	2025.3.17
Instruction of BGJ Series Explosion-proof Connectors	0HRW110123	Rev.02	2025.6.17
Datasheet for VMQ	/	/	2025.4.21
Datasheet for H59	/	/	2025.1.8

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Datasheet for Q235	/	/	2024.12.24
Datasheet for 304	/	/	2025.1.12
Datasheet for 316	/	/	2025.1.20
Datasheet for 316L	/	/	2025.1.16
IECEX test report	IECEX Test report number: CN/CQM/ExTR25.0026/00 Testing Laboratory: Suzhou Electrical Apparatus Science Research Institute Co.,Ltd. (EETI)	00	2025.5.27

The above-mentioned documents are strictly confidential and they are of only use of authorities.
A copy of the documents is saved by A.C.&E. Iberia S.L.

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Certificate History

Certificate Number	Rev.	Comments	Date
ACE25ATEX030X	00	First emission	08/08/2025

Date: 08/08/2025



Advanced Consulting and Engineering

Iberia SL

Notified Body No NB3024

Matteo Marconi, CEO

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