



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 13.0029X**

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Certificate history:

Issue 1 (2016-11-21)

Issue 0 (2013-08-18)

Status: **Current**

Issue No: 2

Date of Issue: **2023-11-13**

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

Equipment: **Explosion-proof seal bushings typed BAG-□□□**

Optional accessory:

Type of Protection: **Flameproof enclosure "d", Protection by enclosure "t", Increased safety "e"**

Marking: **Ex db IIC Gb, Ex eb IIC Gb, Ex tb III C Db**

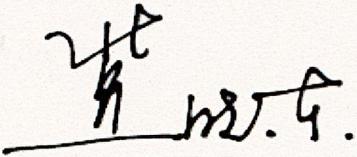
-60°C≤Tservice≤+75°C

Approved for issue on behalf of the IECEx
Certification Body:

Position:

Ji Xiaodong

President



2023. 11. 13

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

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

CQM
China Quality Mark



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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 60079-0:2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

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/EExTR13.0016/00](#)

[CN/CQM/ExTR16.0039/00](#)

[CN/CQM/ExTR16.0039/01](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/12](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

BAG Series Explosion-proof Seal bushings (hereinafter referred to as seal bushings) are Conduit sealing devices applied to hazardous areas Zone 1 & Zone 2 & Zone 21 & Zone 22. This product is suitable for isolation between pipes, pipes and explosion-proof cavities. BAG Series Explosion-proof Seal bushings consist of aluminium alloy or cast steel or stainless steel conduit with glue insides, metric and NPT threads for connection with flameproof, increased safety or dust proofed compartment. G threads are only available for Ex eb and Ex tb.

The ingress protection of enclosure IP66 according to IEC 60529.

Refer to the attachment for details of nomenclature.

Technical data

Metric thread: M20×1.5, M25×1.5, M32×1.5, M40×1.5, M50×1.5, M63×1.5

NPT thread: NPT1/2", NPT3/4", NPT1", NPT1 1/4", NPT1 1/2", NPT2"

G thread: G1/2", G3/4", G1", G1 1/4", G1 1/2", G2" (for Ex eb and Ex tb only)

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The service temperature : -60°C to +75°C,
2. For M Metric thread and G thread, when installation, The Explosion-proof seal bushings shall provided with an additional seal or gasket.
3. When assembly, operation and maintenance, the operator should follow the requirements of instruction of BAG Series Explosion-proof Seal Bushings.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

1. Additional optional material cast steel, or stainless steel.

Annex:

[IECEx CQM 13.0029X Attachment_1.pdf](#)



Attachment to Certificate
IECEx CQM 13.0029X issue No.2



Applicant:

Warom Technology Incorporated Company

Address: No.555, Baoqian Road, Jiading, Shanghai, 201808, PRC

Electrical equipment:

Explosion-proof seal bushings typed BAG-□□□

The details of nomenclature are as following:

