



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 TUR 22.0035X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: **2023-10-20**

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

Equipment: **EXPLOSION-PROOF CABLE GLANDS / Type(s): DQM-III SERIES**

Optional accessory:

Type of Protection: **Flameproof enclosures "db", Increased safety "eb" and Equipment dust ignition protection by enclosure "ta"**

Marking:

Ex db IIC Gb (M and NPT thread)

Ex eb IIC Gb (M, NPT and G thread)

Ex ta IIIC Da (M and NPT thread)

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. He Mei

Position:

Assigned certifier

Signature:
(for printed version)

He Mei

Date:
(for printed version)

2023-10-20

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2. This certificate is not transferable and remains the property of the issuing body.
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Am Grauen Stein
51105 Cologne
Germany





IECEx Certificate of Conformity

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Page 2 of 3

Date of issue: 2023-10-20

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

Manufacturing
locations:

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 Report:

DE/TUR/ExTR22.0035/00

Quality Assessment Report:

CN/CQM/QAR07.0003/12



IECEx Certificate of Conformity

Certificate No.: **IECEx TUR 22.0035X**

Page 3 of 3

Date of issue: 2023-10-20

Issue No: 0

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

General product information:

The DQM-III series cable glands are metallic and are intended to terminate into Ex db, Ex eb or Ex ta enclosures without compromising the explosion protection provided by the enclosures in accordance with relevant codes of practice.

Non-armoured cable glands consist of a connector (brass or stainless steel), a pressing nut (brass or stainless steel), a circular sealing ring (non-metal), a sealing sheath (non-metal) with sealing clamp (non-metal) and a parking barrel for encapsulation.

Armoured cable glands consist of a connector (brass or stainless steel), a pressing nut (brass or stainless steel), a circular sealing ring (non-metal), a sealing sheath (non-metal) with sealing clamp (non-metal), clamping head, clamping ring and a parking barrel for encapsulation.

In addition, cable glands provide sealing nut for connecting with conduit. DQM-III series provide M threads, G threads and NPT threads for connection.

Suit for explosive atmosphere zone 1, zone 2, zone 20, zone 21 and zone 22; applicable to IIC gas zone and IIIC dust zone.

Service temperature: -60°C to +90°C

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. When the gland is used for increased safety, the entry thread shall be suitably sealed to maintain the ingress protection rating of the associated enclosure.
2. These glands are suitable for use within an operating temperature range of -60°C to +90°C.

Annex:

[DE-IECEx_TUR_22.0035_00_Attachment_1.pdf](#)



Attachment to Certificate
IECEx TUR 22.0035 X
Revision 0

Attachment to Certificate IECEx TUR 22.0035 X

Device: **EXPLOSION-PROOF CABLE GLANDS**
Type(s): **DQM-III SERIES**

Manufacturer: **WAROM TECHNOLOGY INCORPORATED COMPANY**

Address: **No.555, Baoqian Road, Jiading, Shanghai, China**

General product information:

The DQM-III series cable glands are metallic and are intended to terminate into Ex db, Ex eb or Ex ta enclosures without compromising the explosion protection provided by the enclosures in accordance with relevant codes of practice.

Non-armoured cable glands consist of a connector (brass or stainless steel), a pressing nut (brass or stainless steel), a circular sealing ring (non-metal), a sealing sheath (non-metal) with sealing clamp (non-metal) and a parking barrel for encapsulation.

Armoured cable glands consist of a connector (brass or stainless steel), a pressing nut (brass or stainless steel), a circular sealing ring (non-metal), a sealing sheath (non-metal) with sealing clamp (non-metal), clamping head, clamping ring and a parking barrel for encapsulation.

In addition, cable glands provide sealing nut for connecting with conduit. DQM-III series provide M threads, G threads and NPT threads for connection.

Suit for explosive atmosphere zone 1, zone 2, zone 20, zone 21 and zone 22; applicable to IIC gas zone and IIIC dust zone.

This report covers the following types:

<u>DQM-III</u>	/	<input type="checkbox"/>	<u>-D</u>	/	<input type="checkbox"/>	<input type="checkbox"/>
Spec. code: A, B, C						
Thread specification: unarmoured cable gland: M20×1.5A, M20×1.5B, M25×1.5A, M25×1.5B, M32×1.5A, M32×1.5B, M40×1.5A, M40×1.5B, M50×1.5A, M50×1.5B, M63×1.5A, M63×1.5B, M75×1.5A, M75×1.5B, M90×1.5, M115×1.5, NPT 1/2"A, NPT1/2"B, NPT3/4"A, NPT3/4"B, NPT1"A, NPT1"B, NPT1 1/4"A, NPT1 1/4"B, NPT1 1/2"A, NPT1 1/2"B, NPT2"A, NPT2"B, NPT2 1/2"A, NPT2 1/2"B, NPT3", NPT4", G1/2"A, G1/2"B, G3/4"A, G3/4"B, G1"A, G1"B, G1 1/4"A, G1 1/4"B, G1 1/2"A, G1 1/2"B, G2"A, G2"B, G2 1/2"A, G2 1/2"B, G3", G4".						
Armoured cable gland: M20×1.5A, M20×1.5B, M25×1.5A, M20×1.5C, M25×1.5B, M32×1.5A, M32×1.5C, M40×1.5B, M50×1.5A, M40×1.5C, M50×1.5B, M63×1.5A, M63×1.5C, M75×1.5A, M75×1.5C, M90×1.5, M115×1.5, NPT1/2"A, NPT1/2"B, NPT3/4"A, NPT1/2"C, NPT3/4"B, NPT1"A, NPT3/4"C, NPT1"B, NPT1 1/4"A, NPT1"C, NPT1 1/4"B, NPT1 1/2"A, NPT1 1/4"C, NPT1 1/2"B, NPT2"A, NPT1 1/2"C, NPT2"B, NPT2 1/2"A, NPT2"C, NPT2 1/2"B, NPT2 1/2"C, NPT3", NPT4", G1/2"A, G1/2"B, G3/4"A, G1/2"C, G3/4"B, G1"A, G3/4"C, G1"B, G1 1/4"A, G1"C, G1 1/4"B, G1 1/2"A, G1 1/4"C, G1 1/2"B, G2"A, G1 1/2"C, G2"B, G2 1/2"A, G2"C, G2 1/2"B, G2 1/2"C, G3", G4"						
Wiring pattern (cable wiring)						
shape code (I, II)						
Explosion-proof cable glands						



Attachment to Certificate
IECEx TUR 22.0035 X
Revision 0

<u>DQM-III</u>	/	<input type="checkbox"/>	-G	/	<input type="checkbox"/>	(M)	/	<input type="checkbox"/>	(F)	<input type="checkbox"/>
<u>Spec. code: A, B, C</u>										
<u>Female Thread (Connecting Steel Pipe)</u>										
<u>Thread specification [Not related to Ex]</u>										
<u>Male Thread (Connecting devices)</u>										
<u>Thread specification: unarmoured cable gland:</u>										
M20×1.5A, M20×1.5B, M25×1.5A, M25×1.5B, M32×1.5A, M32×1.5B, M40×1.5A, M40×1.5B, M50×1.5A, M50×1.5B, M63×1.5A, M63×1.5B, M75×1.5A, M75×1.5B, M90×1.5, M115×1.5, NPT1/2"A NPT1/2"B, NPT3/4"A, NPT3/4"B, NPT1"A, NPT1"B, NPT1 1/4"A, NPT1 1/4"B, NPT1 1/2"A, NPT1 1/2"B, NPT2"A, NPT2"B, NPT2 1/2"A, NPT2 1/2"B, NPT3", NPT4", G1/2"A, G1/2"B, G3/4"A, G3/4"B, G1"A, G1"B, G1 1/4"A, G1 1/4"B, G1 1/2"A, G1 1/2"B, G2"A, G2"B, G2 1/2"A, G2 1/2"B, G3", G4".										
<u>Armoured cable gland:</u>										
M20×1.5A, M20×1.5B, M25×1.5A, M20×1.5C, M25×1.5B, M32×1.5A, M25×1.5C, M32×1.5B, M40×1.5A, M32×1.5C, M40×1.5B, M50×1.5A, M40×1.5C, M50×1.5B, M63×1.5A, M50×1.5C, M63×1.5B, M75×1.5A, M63×1.5C, M75×1.5B, M75×1.5C, M90×1.5, M115×1.5, NPT1/2"A, NPT1/2"B, NPT3/4"A, NPT1/2"C, NPT3/4"B, NPT1"A, NPT3/4"C, NPT1"B, NPT1 1/4"A, NPT1"C, NPT1 1/4"B, NPT1 1/2"A, NPT1 1/4"C, NPT1 1/2"B, NPT2"A, NPT1 1/2"C, NPT2"B, NPT2 1/2"A, NPT2"C, NPT2 1/2"B, NPT2 1/2"C, NPT3", NPT4", G1/2"A, G1/2"B, G3/4"A, G1/2"C, G3/4"B, G1"A, G3/4"C, G1"B, G1 1/4"A, G1 1/4"C, G1 1/4"B, G1 1/2"A, G1 1/4"C, G1 1/2"B, G2"A, G1 1/2"C, G2"B, G2 1/2"A, G2"C, G2 1/2"B, G2 1/2"C, G3", G4".										
<u>Wiring pattern (pipe steel wiring)</u>										
<u>shape code (I, II)</u>										
<u>Explosion-proof cable glands</u>										

The G threads are applicable for Ex eb IIC Gb. The NPT and M threads are applicable for Ex db IIC Gb, Ex eb IIC Gb and Ex ta IIIC Da.

Unarmoured cable gland M20*1.5 to M63*1.5 and NPT1/2" to NPT 2" can provide IP66/IP68 (1.5m, 45mins) protection, and the other threads provide IP66 protection.