

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 LCI 08.0011X** Page 1 of 4 Certificate history:

Issue 1 (2013-10-04) Issue No: 2 Status: Current Issue 0 (2008-02-05)

Date of Issue: 2024-09-30

Applicant: **Warom Technology Incorporated Company**

No. 555 Baoqian Road, Jiading District, Shanghai, 201808

DQM-II Series Cable Gland Equipment:

Optional accessory:

Type of Protection: Ex d, Ex e and Ex tb

Marking: For ISO Metric and NPT threads:

Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP66

For G thread: Ex e IIC Gb Ex tb IIIC Db IP66

(See Annex for full marking)

Approved for issue on behalf of the IECEx Certification Body:

Julien GAUTHIER

Position:

Certification Officer

Signature:

(for printed version)

(for printed version)

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES S.A.S au capital de 15.745.984 € RCS Nanterre B 408 363 174

E = 33 avenue du Général Leclere F - 92266 FONTENAY AUX ROSD®24-09-30

- This certificate and schedule may only be reproduced in full.
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 The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

Laboratoire Central des Industries Electriques (LCIE) 33 Avenue du General Leclerc Fontenay-aux-Roses FR-92260 **France**





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Date of issue: 2024-09-30 Issue No: 2

Manufacturer: Warom Technology Incorporated Company

No. 555 Baogian Road, Jiading District, Shanghai, 201808

China

Manufacturing Warom Technology Incorporated

locations: 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 60079-1:2007 Edition:6 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

IEC 60079-31:2013

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

Edition:2

IEC 60079-7:2006 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

Edition:4

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:

FR/LCI/ExTR08.0013/00 FR/LCI/ExTR08.0013/01 FR/LCIE/ExTR24.0077/00

Quality Assessment Report:

CN/CQM/QAR07.0003/12



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The DQM-II Series is a range of metallic cable glands for non-armoured and armoured cables.

These cable glands, made either in carbon steel, stainless steel or brass, are intended for the passage of round cables through wall of enclosure with a compatible type of protection.

The cable glands may be supplied with metric, NPT or G thread forms and have an ingress protection rating of IP66.

Operating service temperature: -60 °C up to +100 °C.

See Annex for Range Details.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- 1. Operating service temperature: -60 °C up to +100 °C.
- 2. The user shall provide an additional clamping of the cable to ensure that pulling and twisting is not transmitted to the terminations.
- 3. The cable gland shall be installed according to the instruction manual provided by the manufacturer.



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Date of issue: 2024-09-30 Issue No: 2

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

For issue 2:

- Addition of materials for the metallic constitutive parts (connectors, nut, clamping ring, clamping head, washers) of the cable glands.
- Normative update according to IEC 60079-31:2013 Ed. 2.0.

Annex:

Annex 01 to Certificate IECEx LCI 08.0011X issue 2.pdf



Annex 01 to Certificate IECEx LCI 08.0011X issue 2



MARKING

Complete marking:

Warom Technology Incorporated Company or

Address: .. Type: DQM-II... (1)

Serial number: ... Year of construction: ...

Ex d IIC Gb (ISO metric and NPT threads)

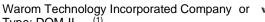
Ex e IIC Gb (ISO metric, NPT and G threads)

Ex tb IIIC Db IP66 (ISO metric, NPT and G threads)

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-60 °C ≤ T_{service} ≤ +100 °C

Allowed reduced marking:





Ex d IIC Gb (ISO metric and NPT threads)

Ex e IIC Gb (ISO metric, NPT and G threads)

Ex tb IIIC Db IP66 (ISO metric, NPT and G threads)

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-60 °C \leq T_{service} \leq +100 °C

RANGE DETAILS

Each cable gland is designated as follows:

DQM	-	Ш	
			Thread size (see table below)
			—— Structure code
			—— Cable gland

Dange of cable glands	Thread size				
Range of cable glands	ISO Metric	NPT	G thread		
	M20x1,5	1/2" NPT	1/2" G		
	M25x1,5	3/4" NPT	3/4" G		
	M32x1,5	1" NPT	1" G		
	M40x1,5	1" 1/4 NPT	1" 1/4 G		
DQM-II	M50x1,5	1" 1/2 NPT	1" 1/2 G		
	M63x1,5	2" NPT	2" G		
	M75x1,5	2" 1/2 NPT	2" 1/2 G		
	M90x1,5	3" NPT	3" G		
	M110x1,5	4" NPT	4" G		

⁽¹⁾ Completed as per the type. See the Range Details below.