



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

### Ex COMPONENT CERTIFICATE

Certificate No.:	IECEx CQM 14.0011U	Issue No: 2	Certificate history:
Status:	<b>Current</b>	Page 1 of 4	Issue No. 2 (2018-06-14)
Date of Issue:	<b>2018-06-14</b>		Issue No. 1 (2016-08-11)
			Issue No. 0 (2014-03-06)
Applicant:	<b>Warom Technology Incorporated Company</b> No. 555, Baoqian Road, Jiading District, Shanghai City, Postal code: 201808 <b>China</b>		
Ex Component:	<b>Explosion-proof enclosures BXT-□-W</b>		

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

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

Marking:

Ex db IIB+H2 Gb, Ex tb III C Db IP66

Tamb:-60°C ~ +100°C

Approved for issue on behalf of the IECEx  
Certification Body:

Ji Xiaodong

Position:

General Manager

Signature:  
(for printed version)

Date:

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 the [Official IECEx Website](http://Official IECEx Website).

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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Certificate No: IECEx CQM 14.0011U

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Page 2 of 4

Manufacturer: **Warom Technology Incorporated Company**  
No. 555, Baoqian Road, Jiading District, Shanghai City, Postal code: 201808  
**China**

Additional Manufacturing location(s):

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 Component 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 Ex Component 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2014-06</b> Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

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

## TEST & ASSESSMENT REPORTS:

*A sample(s) of the Ex Component listed has successfully met the examination and test requirements as recorded in*

Test Report:

[CN/CQM/ExTR14.0011/01](#)      [CN/CQM/ExTR14.0011/02](#)

Quality Assessment Report:

[CN/CQM/QAR07.0003/07](#)



# IECEx Certificate of Conformity

Certificate No: IECEx CQM 14.0011U

Issue No: 2

Date of Issue: 2018-06-14

Page 3 of 4

## Schedule

Ex Component(s) covered by this certificate is described below:

### General product information:

BXT-□-W series explosion-proof enclosures are Ex components. The explosion-proof enclosures are manufactured from ENAC-AISI12(b). The enclosures are provided with threaded holes which are used to install with appropriate certified cable glands or plugs. The number of holes depends on model.

Nomenclature: BXT-□-W

Where

BXT: explosion-proof enclosure

□: Enclosure code ( I, II, IIB, III, IIIB, IV, IVB, V, VB, VI, VIB, VII, VIIB )

### SCHEDULE OF LIMITATIONS:

1. Only the suitably certified cable glands can be used for fixing cables. The unused holes must be closed by the suitably certified plugs.
2. Repair of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 2, 3, 4 and 5 of IEC 60079-1.
3. Potential electrostatic charging hazard-see instruction.
4. Ambient temperature is -60°C to +100°C.
5. The content of the Ex component enclosure equipment may be placed in any arrangement, provided that an area of at least 40 % of each cross-sectional area remains free to permit an unimpeded gas flow and, therefore, unrestricted development of an explosion. Separate relief areas may be aggregated provided that each area has a minimum dimension in any direction of 12.5 mm.
6. For the maximum number of apertures, their maximum sizes and their positions refer drawing 2HRW 000 053 and manual.



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Certificate No: IECEx CQM 14.0011U

Issue No: 2

Date of Issue: **2018-06-14**

Page 4 of 4

**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):**

Rated service temperature range (°C) for Ex Components is changed from "-60°C to +100°C" to "-60°C to +200°C".