



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

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEX PCET 24.0029U** Page 1 of 4 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2026-01-28
Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading District, Shanghai 201808, China
China
Ex Component: Explosion-proof enclosure model BXT-□-W

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: **"db" "tb"**

Marking: Ex db IIB+H₂ Gb ; Ex tb IIIC Db

IP66

-60°C ≤ T_a ≤ +100°C

-60°C ≤ T_s ≤ +160°C

Approved for issue on behalf of the IECEx
Certification Body:

Yin Hong

Position:

General manager

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:

PCEC (Tianjin) Certification Services Co. Ltd
No 85-1, No. 3 Road, Hongqiao District
Tianjin Post Code 300131
China





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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

WAROM TECHNOLOGY MENA FZCO
Plot, S10103,
Jebal Ali South,
Jebal Ali Freezone
DUBAI PO Box: 263667
United Arab Emirates

WAROM TECHNOLOGY ARABIA INDUSTRIAL LLC
Building No. 4443, Ibn Sina Street, 1st Industrial District
Dammam 32234
Saudi Arabia

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 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

[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

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 component listed has successfully met the examination and test requirements as recorded in:

Test Report:

[CN/PCET/ExTR24.0037/00](#)

Quality Assessment Reports:

[CN/CQM/QAR07.0003/13](#)

[CN/CQM/QAR07.0003/14](#)



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

see attachment

SCHEDULE OF LIMITATIONS:

- 1.The flameproofjoint cannot be repaired.
- 2.The BXT-□-W Series Explosion-proof enclosureare intended to be mounted according to the mounting direction specified in the manual.
- 3.The content of the Ex component enclosure equipment may be placed in any arrangement, provided that an area of at least 40% of eachcross-sectional area remains free to permit an unimpeded gas flow and, therefore, preventing the development of an explosion. Separate relief areas may be aggregated provided that each area has a minimum dimension in any direction of 12.5mm.
- 4.It cannot be used in areas affected by charge generation process, mechanical friction, separation process, electronic emission and pneumatic transport dust.
- 5.Before application, IECEx certified cable glands and plugs must be incorporated, rated minimum IP66, suitable for the conditions of use and correctly installed.
- 6.When using the explosion-proof enclosure at the maximum ambient temperature specified in the manual, consider the effect of equipment temperature rise on the operating temperature.
- 7.The ambient temperature range is limited to $-60^{\circ}\text{C}\leq\text{Ta}\leq +100^{\circ}\text{C}$.
- 8.The service temperature range is limited to $-60^{\circ}\text{C}\leq\text{Ts}\leq+160^{\circ}\text{C}$.

WARNING – POTENTIALNL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS.

CAUTION – USE FASTENERS WITH YIELD STRESS $\geq 450\text{MPa}$.



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Additional information:

The pressure applied is as follows(Static pressure test conducted according to Clause 16.1 of the IEC60079-1:2014:

Type	Pressure(kPa)
BXT-VIII-B-W	1350
BXT-IX-B-W	1550

Annex:

[Annex to CoC-IECEX PCET 24.0029U_1.pdf](#)

Annex to: IECEx PCET 24.0029U
Applicant: WAROM TECHNOLOGY INCORPORATED COMPANY
Equipment: Explosion-proof enclosure



Nonmenclature:

1.This report covers the following types:

BXT-□-W

BXT: Explosion-proof enclosure;

□: Model of enclosure : VIII B,IXB;

W: External flange enclosure.

2.Structure of production

This series of products is available in two enclosure sizes, Type VIII B and Type IXB. Both feature aluminum-alloy cover plates and shells. The shells include inlet holes in the required quantities and specifications. The product is equipped with both internal and external grounding.

3. Form certified Ex components

Components	Type	Manufacturer	Ex-marking	Certificate	Standards
Stopping plug type	BPT Series	Warom	Ex db IIC Gb Ex tb IIIC Db	IECEX CQM 25.0022X	IEC 60079-0:2017 IEC 60079-1:2014 IEC 60079-31:2022