



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 NEP 22.0008X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2022-08-03
Applicant: **WAROM TECHNOLOGY INCORPORATED COMPANY**
No. 555, Baoqian Road, Jiading District, Shanghai 201808
China
Equipment: **Explosion-proof aircraft warning light Model BSZD85-E***
Optional accessory:
Type of Protection: **Ex db, tb**
Marking: Ex db IIC T6 Gb, Ex tb IIIC T80°C Db
Ta: -60~+60°C
IP66

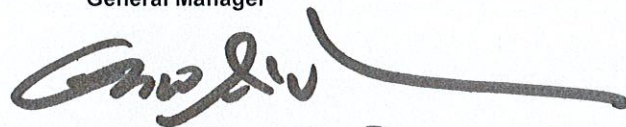
Approved for issue on behalf of the IECEx
Certification Body:

Guo Aihua

Position:

General Manager

Signature:
(for printed version)


2022.8.3

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:

Shanghai Inspection and Testing Institute of Instruments
and Automatic Systems Co., Ltd. (SITIAs)/
National Supervision and Inspection Center for Explosion
Protection and Safety of Instrumentation (NEPSI)
103 Cao Bao Road
Shanghai 200233
China



SITIAs
Worldwide Access



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Date of issue: 2022-08-03

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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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 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

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:

CN/NEP/ExTR21.0012/00

Quality Assessment Report:

CN/NEP/QAR18.0001/02



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Explosion-proof aircraft warning light BSZD85-E* consists of shell body and cover, made of die-casting aluminium ZL102.



Inside of the enclosure toughened glass, LED array and reflector are provided. Terminals are intended for connection to external circuits. The Explosion-proof aircraft warning light have an integral cable gland and a blanking plug, which are not replaced by end user. The degree of protection of Explosion-proof aircraft warning light is IP66 (IEC60529).

SPECIFIC CONDITIONS OF USE: YES as shown below:

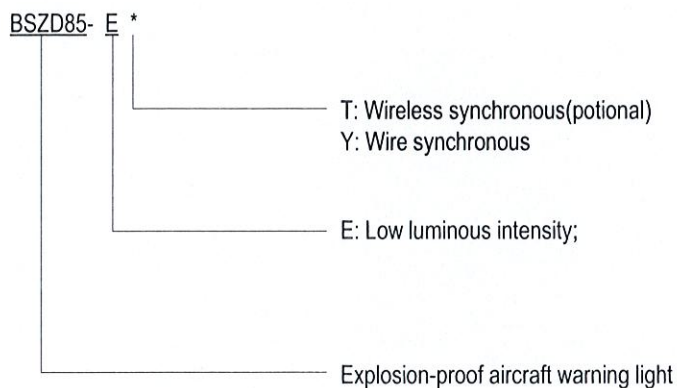
1. The ambient temperature: $-60^{\circ}\text{C}\sim+60^{\circ}\text{C}$.
2. The internal and external earth connection facility should be connected reliably.
3. Contact the original manufacturer for the information of flameproof joint.
4. M5 screw is used to fasten the cemented joint, which can not be released or removed.
5. When Explosion-proof aircraft warning lights are installed in explosive atmosphere, cable gland and blanking element, complying with IEC 60079-0:2017, IEC 60079-1:2014 and IEC 60079-31:2013 with type of protection Ex db IIC Gb, Ex tb IIIC Db with threaded type M25×1.5 or 3/4NPT and degree of protection IP66, shall be adopted. Or the cable gland and blanking plug is provided by manufacturer.
6. Observe the warning: "DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT!". "POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS!"

Annex:

IECEX NEP 22.0008X Annex_1.pdf

<p>Shanghai Inspection and Testing Institute of Instruments and Automatic Systems Co., Ltd. (SITIIAS)</p> <p>National Supervision and Inspection Center for Explosion Protection and Safety of Instrumentation (NEPSI)</p> <p>103 Cao Bao Road, Shanghai 200233, China</p>	 
<p>Annex to IECEx Certificate of Conformity of IECEx NEP 22.0008X Issue No.0</p>	

Type definition:



Electrical data:

100~277VAC 50/60 Hz, 12~48VAC 50/60 Hz;

100~277VDC, 12~48VDC;

220VAC 50/60 Hz (only surge protector)

Power Max. 8W