



# 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](http://www.iecex.com)

Certificate No.: **IECEx SEV 20.0015X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2020-07-31

Applicant: **Sunleem Technology Incorporated Company**  
No.15 Xihenggang Street  
Yangchenghu Town  
Xiangcheng District  
Suzhou, Jiangsu, China. 215138  
**China**

Equipment: **Explosion-Proof junction boxes, EJB102 series**

Optional accessory:

Type of Protection: **db, tb**

Marking: Tamb: -55 °C to +55 °C  
Ex db IIC T5 Gb  
Ex tb IIIC T95 °C Db

Tamb: -55 °C to +40 °C  
Ex db IIC T6 Gb  
Ex tb IIIC T80 °C Db

Approved for issue on behalf of the IECEx  
Certification Body:

**Martin Plüss**

Position:

**Manager Product Certification**

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Eurofins Electric & Electronic Product Testing AG**  
Luppenstrasse 3  
CH-8320 FEHRALTORF  
Switzerland



E&E



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No.15 Xihenggang Street  
Yangchenghu Town  
Xiangcheng District  
Suzhou, Jiangsu, China. 215138  
**China**

Additional  
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 60079-1:2014-06** 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:

[CH/SEV/ExTR20.0019/00](#)

Quality Assessment Report:

[DE/TUR/QAR18.0015/00](#)



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### **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

Explosion-Proof junction boxes  
EJB102 series

The EJB102 series Explosion-Proof Junction Box is a series of flameproof-tight dust enclosures made of the following types:

The enclosure is made of a shell and a cover of ADC12 aluminum alloy and includes the terminals block for the connection of incoming cables.

The sealing O-ring, put into the groove of cover, is made of silicone rubber.

A ground terminal is present inside and a bonding terminal outside.

The cable entries and unused holes must be equipped with explosion-protected cable glands and Ex blanking elements and with ATEX certificates with Ex-marking no less than Ex db IIC Gb/Ex tb IIIC Db.

The degree of protection of enclosure is IP66 according to IEC 60079-0 and IEC 60529.

Type key and part number code see  
Ex TEST REPORT COVER 20CH-00943.X01

### **SPECIFIC CONDITIONS OF USE: YES as shown below:**

1. Potential electrostatic charging hazard – see instructions
2. The flameproof joints are not intended to be repaired.