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

Certificate No.: IECEx EUT 18.0032X

Issue No: 0

Certificate history:
Issue No. 0 (2019-05-24)

Status: **Current**

Date of Issue: **2019-05-24**

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

Equipment: **Explosion-Proof junction boxes**

Optional accessory:

Type of Protection: **flameproof enclosure "d", dust proof enclosure "t"**

Marking:

Ex db IIC T5 Gb Ex tb IIIC T95°C Db (Tamb : -55°C~+40°C

Ex db IIC T4 Gb Ex tb IIIC T130°C Db (Tamb : -55°C~+55°C)

Approved for issue on behalf of the IECEx Certification Body: Dionisio Bucchieri

Position: Head of IECEx certification body

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.

Certificate issued by:

Eurofins Product Testing Italy S.r.l.
Via Cuorgnè,
n.21 - 10156 Torino
Italy

eurofins | Product Testing

IECEx Certificate of Conformity

Certificate No: IECEx EUT 18.0032X Issue No: 0

Date of Issue: **2019-05-24** Page 2 of 3

Manufacturer: **Sunleem Technology Incorporated Company**
No.15, Xihenggang Street, Yangchenghu Town, Xiangcheng District, Suzhou, Jiangsu, 215138.
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 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 apparatus 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 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 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 equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

IT/EUT/ExTR18.0036/00

Quality Assessment Report:

GB/CML/QAR17.0007/00

IECEx Certificate of Conformity

Certificate No: IECEx EUT 18.0032X Issue No: 0

Date of Issue: 2019-05-24 Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The EJB101 series Explosion-Proof Junction Box is a series of flameproof-tight dust enclosures made of the following types:

EJB101-1: cable entry size M20×1.5

EJB101-2: cable entry size NPT1/2

EJB101-3: cable entry size M25×1.5

EJB101-4: cable entry size NPT3/4

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 is put into the groove of cover.

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.

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.