



IECEx Certificate of Conformity

Certificate No.: **IECEx SEV 20.0016U**

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Date of issue: 2020-07-31

Issue No: 0

Manufacturer: **Sunleem Technology Incorporated Company**
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/ExTR20.0020/00](#)

Quality Assessment Report:

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



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

Explosion-Proof Empty enclosure
EJB102 series

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

The EJB102 series Explosion-Proof Empty Enclosure is U type of Ex component.

The Empty enclosure is made of a shell and a cover of ADC12 aluminum alloy.

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

SCHEDULE OF LIMITATIONS:

Only use explosion-proof empty enclosure as per operating conditions specified.

The explosion-proof empty enclosure shall be installed on a certified Ex Equipment forming a well-defined Ex equipment.

The explosion-proof empty enclosure are rated IP66 according to IEC 60529 standard when blanking elements are involved.

The device needs to be tested according the type tests of enclosure of IEC 60079-0 when assessed with the complete equipment's.



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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 SEV 20.0016U** 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

Ex Component: Explosion-Proof Empty enclosure, EJB102 series

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 IIC Gb
Ex tb IIIC 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 or use of this QR Code.



Certificate issued by:

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E&E