



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 EPS 14.0015X**

Page 1 of 4

Certificate history:

Status: **Current**

Issue No: 3

Issue 2 (2022-10-10)

Issue 1 (2021-07-22)

Issue 0 (2014-02-24)

Date of Issue: 2023-06-27

Applicant: **EUROTEC Antriebszubehör GmbH**
Bildstock 37
88085 Langenargen
Germany

Equipment: **Limit switch box: i-box IV...IA...**

Optional accessory:

Type of Protection: **Intrinsically safe "i"**

Marking: Ex ia IIB/IIC T4/T6 Gb

Ex ia IIIC T80°C Db

Approved for issue on behalf of the IECEx
Certification Body:

Position:

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:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





IECEx Certificate of Conformity

Certificate No.: **IECEx EPS 14.0015X**

Page 2 of 4

Date of issue: 2023-06-27

Issue No: 3

Manufacturer: **EUROTEC Antriebszubehör GmbH**
Bildstock 37
88085 Langenargen
Germany

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 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition: 6.0

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

Test Report:

DE/EPS/ExTR14.0016/03

Quality Assessment Report:

DE/EPS/QAR13.0003/10



IECEX Certificate of Conformity

Certificate No.: **IECEX EPS 14.0015X**

Page 3 of 4

Date of issue: 2023-06-27

Issue No: 3

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Description of equipment:

The i-box limit switch boxes type IV...IA... consist of separately certified intrinsically safe apparatus or simple apparatus, which are placed with terminals inside a vestamid enclosure. The devices are for use in hazardous areas of zone 1/21. They are supplied by intrinsically safe power supplies of category "ia" or "ib".

Electrical data:

The electrical input ratings are determined by the switches that are used. The following ratings shall never be exceeded:

Ii: 250 mA

Pi: 650 mW

For mechanical gold switches the following ratings have to be respected:

Ui: 11 V

Ii: 15 mA

Pi: 35 mW

Ambient temperature:

$-25\text{ °C} \leq T_a \leq +70\text{ °C}$

SPECIFIC CONDITIONS OF USE: YES as shown below:

The limit switch box shall not be installed in direct ambient of high charge generating processes.

The enclosure has to be cleaned with a damped cloth.



IECEx Certificate of Conformity

Certificate No.: **IECEx EPS 14.0015X**

Page 4 of 4

Date of issue: 2023-06-27

Issue No: 3

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Addition of gas group IIC and customization of the special conditions of use.