



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 EPS 16.0011X

Issue No: 0

Certificate history:

Issue No. 0 (2016-03-07)

Status: Current

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Date of Issue: 2016-03-07

Applicant: EUROTEC Antriebszubehör GmbH
Bildstock 37
88085 Langenargen
Germany

Electrical Apparatus: d-box limit switch box Typ DA... -D...

Optional accessory:

Type of Protection: "db", "tb"

Marking:

Ex d IIC T6 Gb
Ex tb IIIC T85°C Db IP66/IP67

Approved for issue on behalf of the IECEx
Certification Body:

Dieter Zitzmann

Position:

Certification manager

Signature:

(for printed version)

Date:

2016-03-07



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

Certificate issued by:

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





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Manufacturer: EUROTEC Antriebszubehör GmbH
Bildstock 37
88085 Langenargen
Germany

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 electrical 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:

DE/EPS/ExTR16.0011/00

Quality Assessment Report:

DE/EPS/QAR13.0003/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The limit switch boxes are used for response and control of actuator position. The enclosure is flameproof and consists of aluminum alloy with coating. Position is transferred by shaft feedthrough and electrical connection is made by direct entry cable glands. The boxes are equipped with different switches or sensors. 1-4 mechanical switches, 1-4 inductive V3 sensors, 1-3 proximity sensors or 1-2 cylindrical sensors.

Electrical data:

Voltage: max. 250V (depending on used switch or sensor)

Current: max. 10A

CONDITIONS OF CERTIFICATION: YES as shown below:

Maximum ambient temperature range: -55°C to +75°C (depending on used gasket)

A repair of joints is not allowed according to the values of EN 60079-1.

Only certified Ex-d cable glands shall be used. Unused openings shall be closed with certified blind plugs