



(1) EC-Type Examination Certificate

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres –
Directive 94/9/EC

(3) EC Type Examination Certificate Number

EPS 16 ATEX 1 031 X

Revision 0

(4) Equipment: d-box limit switch box Typ DA... -D...

(5) Manufacturer: EUROTEC Antriebszubehör GmbH

(6) Address: Bildstock 37
DE-88085 Langenargen

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 16TH0020.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013

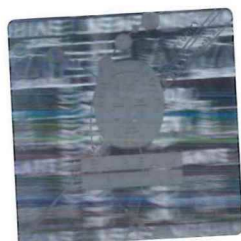
EN 60079-1:2014

EN 60079-31:2014

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:



II 2G Ex d IIC T6 Gb
II 2D Ex tb IIIC T85°C Db IP66/IP67

Certification department of explosion protection

Nuremberg, 07.03.2016

D. Zitzmann



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Certificates without signature are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH. EPS 16 ATEX 1 031 X

(13)

Annex

(14) **EC-Type Examination Certificate EPS 16 ATEX 1 031 X**

Revision 0

(15) Description of equipment:

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

(16) Test report: 16TH0020

(17) Special conditions for safe use:

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

(18) Essential health and safety requirements:

Met by standards.

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Nuremberg, 07.03.2016

