



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 BVS 14.0018X issue No.: 0 Certificate history:

Status: **Current**

Date of Issue: **2014-02-24** Page 1 of 3

Applicant: **Steute Schaltgeräte GmbH & Co. KG**
Brückenstraße 91
32567 Löhne
Germany

Electrical Apparatus: **Position switch type Ex 95 ****
Optional accessory:

Type of Protection: **Flameproof enclosure 'd', Equipment dust ignition protection by enclosure 't',
Equipment protection by increased safety "e"**

Marking: Ex de IIC T5 Gb
Ex tb IIIC T80°C Db

Approved for issue on behalf of the IECEx Certification Body: H.-Ch. Simanki

Position: Head of Certification Body

Signature:
(for printed version)

Date:

24.2.2014

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:

DEKRA EXAM GmbH
Dinnendahlstrasse 9
44809 Bochum
Germany

DEKRA
DEKRA EXAM GmbH



IECEx Certificate of Conformity

Certificate No.: IECEx BVS 14.0018X

Date of Issue: 2014-02-24

Issue No.: 0

Page 2 of 3

Manufacturer: **Steute Schaltgeräte GmbH & Co. KG**
Brückenstraße 91
32567 Löhne
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 : 2007-10 Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-1 : 2003 Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

*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/BVS/ExTR14.0021/00](#)

Quality Assessment Report:
[DE/BVS/QAR06.0023/05](#)



IECEx Certificate of Conformity

Certificate No.: IECEx BVS 14.0018X

Date of Issue: 2014-02-24

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Subject and type

Position switch type Ex 95 **

For a further differentiation the stars in the type name will be replaced regarding actuation and contact function.

Description

The safety guard control type Ex 95 ** is manufactured to meet the requirements of the type of protection Increased safety 'e' and is equipped with a switch insert of type Ex 95 ... (DMT 00 ATEX E093 U / DE/BVS/ExTR07.0014.00) which meets the requirements of the type of protection Flameproof enclosure 'd'. The position switch is suitable for use in potentially explosive atmospheres where combustible gas or dust is present and for use in an ambient temperature range of -20 °C to +60 °C.

Parameters

Rated switching voltage AC 250 V / DC 230 V
Rated switching current 6 A / 0.25 A
Utilization category AC-15 / DC-13
Rated connecting capacity 1.5 mm²
Maximum switches / hour max. 1800 switches/h

CONDITIONS OF CERTIFICATION: YES as shown below:

The frequency of switch operations is limited to 1800 per hour.

The switch insert is limited to a mechanical life cycle of 10⁶ switching operations after which it has to be replaced.