



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

Certificate No.: IECEx PTB 12.0029 issue No.:0

Certificate history:

Status: **Current**

Date of Issue: **2012-06-15** Page 1 of 3

Applicant: **Steute Schaltgeräte GmbH & Co. KG**  
Brückenstr. 91  
32584 Löhne  
Germany

Electrical Apparatus: **Command and Indicator Device type Ex BF 80 xxx**  
Optional accessory:

Type of Protection: **different**

Marking: Ex d e ia ib [ia Ga] mb q IIA, IIB, IIC T6, T5, T4 Gb  
or  
Ex db eb ia ib [ia] mb qb IIA, IIB, IIC, T6, T5, T4  
  
Ex tb IIIC T80 °C, T95 °C, T130 °C Db  
or  
Ex tb IIIC T80 °C, T95 °C, T130 °C

Approved for issue on behalf of the IECEx  
Certification Body:

Dr.-Ing. Martin Thedens

Position:

Head of Section "Flameproof Enclosures"

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**Physikalisch-Technische Bundesanstalt (PTB)**  
Bundesallee 100  
38116 Braunschweig  
Germany





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Manufacturer: **Steute Schaltgeräte GmbH & Co. KG**  
Brückenstr. 91  
32584 Löhne  
Germany

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:

<b>IEC 60079-0 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2007-04</b> Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-11 : 2011-06</b> Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-18 : 2009</b> Edition: 3	Explosive atmospheres Part 18: Equipment protection by encapsulation "m"
<b>IEC 60079-31 : 2008</b> Edition: 1	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
<b>IEC 60079-5 : 2007-03</b> Edition: 3	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"
<b>IEC 60079-7 : 2006-07</b> 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/PTB/ExTR12.0037/00](#)

Quality Assessment Report:  
[DE/BVS/QAR06.0023/04](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Description of equipment

The command and indicator device, type Ex BF 80xxx, consists of one or more than one plastic enclosure(s) designed to Increased Safety "e" type of protection, which is/are provided with flanges.

The enclosures can be equipped with command and display components, and with terminals for intrinsically safe and non-intrinsically safe circuits. The box section intended for intrinsically safe circuits will be identified, e.g. by a light-blue colour.

'Ex' cable glands are used for connection.

All installed and attached components are tested and certified with a separate examination certificate.

Technical Data, Nomenclature and Notes for Installation and Use see Annex.

### CONDITIONS OF CERTIFICATION: NO

**Annexe:** [Annex-IECEX PTB 12.0029.pdf](#)