



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 PTB 06.0025 issue No.:1
Status: **Current**
Date of Issue: **2012-03-12** Page 1 of 4

Certificate history:
Issue No. 1 (2012-3-12)
Issue No. 0 (2006-3-30)

Applicant: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
Germany

Electrical Apparatus: **Control and Signal Device Module type 8040/***-***/*****
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. Uwe Klausmeyer

Position:

Head of Section "Flameproof Enclosure"

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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Page 2 of 4

Manufacturer: **R.STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg
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:

| | |
|---|--|
| IEC 60079-0 : 2011 Edition: 6.0 | Explosive atmospheres - Part 0: General requirements |
| IEC 60079-1 : 2007-04 Edition: 6 | Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d" |
| IEC 60079-11 : 2011-06 Edition: 6.0 | Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" |
| IEC 60079-18 : 2009 Edition: 3 | Explosive atmospheres Part 18: Equipment protection by encapsulation "m" |
| 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/PTB/ExTR06.0045/01](#)

Quality Assessment Report:

[DE/BVS/QAR10.0002/02](#)



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Issue No.: 1

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The control station, type 8040/***-***/**/ consists of one or several plastic enclosures designed to type of protection Increased safety "e".

The enclosures can accommodate control and indicator components as well as terminals for intrinsically safe and non-intrinsically safe circuits. The area designated for intrinsically safe circuits will be marked, e.g. by means of light-blue colour.

Connection is by means of explosion-proof cable entries.

All the installed and attached components are tested and certified under separate IECEx certificate.

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

CONDITIONS OF CERTIFICATION: NO



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Date of Issue: 2012-03-12

Issue No.: 1

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

- 1) The ambient temperature is increased from -60 °C to +75 °C
- 2) New test according to the standards:
IEC 60079-0: 2011 (Ed. 6), IEC 60079-1: 2007 (Ed. 6), IEC 60079-5: 2007 (Ed. 3),
IEC 60079-7: 2006 (Ed. 4), IEC 60079-11: 2011 (Ed. 6), IEC 60079-18: 2009 (Ed. 3),
IEC 60079-31:2008 (Ed. 1)
- 3) New marking