



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 07.0027U issue No.:1

Status: **Current**

Certificate history:
Issue No. 1 (2010-5-19)
Issue No. 0 (2007-6-4)

Date of Issue: **2010-05-19** Page 1 of 6

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

Electrical Apparatus: **Flameproof Enclosure, type 8265/0.-...**
Optional accessory:

Type of Protection: **Flameproof enclosure "d", Increased Safety "e", Protection by enclosure "tD"**

Marking: **Ex d IIC resp. Ex de IIC**
Ex tD A21 IP66

*Approved for issue on behalf of the IECEx
Certification Body:* Dr. Ing. Uwe Klausmeyer

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: **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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-7 : 2006-07 Edition: 4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/ExTR10.0031/00](#)

Quality Assessment Report:

[DE/BVS/QAR10.0002/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment The flameproof enclosure type 8265/0-... is made from aluminum and provided with a screw-on cover. It is designed to accommodate switching and control gear, measuring equipment and display units.

More see annexe

CONDITIONS OF CERTIFICATION: NO



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EQUIPMENT(continued):

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

The flameproof enclosure size 6 is added.
More see annex.



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Additional information:

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Details of certificate changes

The flameproof enclosure size 6 was added. Additionally the standard of the IEC 60079-1 was adapted to the sixth edition. The enclosure now meets the following standards:

IEC 60079-0:2004 Ed. 4, IEC 60079-1:2007 Ed 6, IEC 60079-7 Ed 4
IEC 61241-0:2004 Ed. 1, IEC 61241-1:2004 Ed. 1

Technical data

Enclosure heating against the max. permissible power dissipation:

Type	Power dissipation at an enclosure heating of				
	25 K	40 K	55 K	75 K	90 K
8265/.6 without terminal compartment	97 W	17 W	256 W	378 W	477 W
8265/.6 with terminal compartment	86 W	147W	217 W	322 W	407 W