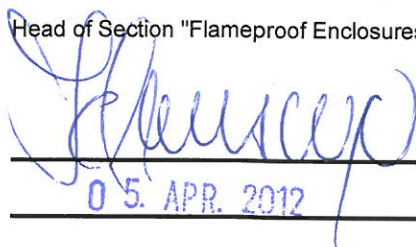




IECEx Certificate of Conformity

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 08.0006	issue No.:1	Certificate history: Issue No. 1 (2012-2-29) Issue No. 0 (2008-3-7)
Status:	Current		
Date of Issue:	2012-02-29	Page 1 of 4	
Applicant:	ROSE Systemtechnik GmbH Erbeweg 13 32457 Porta Westfalica Germany		
Electrical Apparatus: Optional accessory:	Connection and Junction Box and Control Box Type 05. ***** and 15. *****		
Type of Protection:	Different		
Marking:	Ex d e ia [ia] mb IIC T6, T5, T4 Gb Ex tb IIC T85 °C, T100 °C, T135 °C Db		
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:	05. APR. 2012		
<p>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.</p>			

Certificate issued by:

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





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Manufacturer: **ROSE Systemtechnik GmbH**
Erbeweg 13
32457 Porta Westfalica
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 : 2006 Edition: 5	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/ExTR08.0006/01

Quality Assessment Report:

DE/TUR/QAR09.0009/02



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

The Connection and Junction Box and Control Box type 05. ***** and 15. ***** consists of enclosures out of aluminium in the type of protection Increased Safety "e" and Protection by enclosure "tb", which are provided for stationary assembly.

They are used to accommodate switchgear, control gear and measuring instruments, as well as terminals intrinsically safe and non-intrinsically safe circuits and may optionally be provided with actuator elements, indicator lights and inspection windows.

The components for intrinsically safe circuits are marked, e.g. in light blue. Connection is by means of Ex-type cable glands.

The empty enclosures as well as all mounted and attached components have been tested and certified under a separate examination certificate.

Technical Data, Nomenclature, Notes for manufacturing and operation and Assembly tables: see Annex

CONDITIONS OF CERTIFICATION: NO



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

- 1) The Connection and Junction Box is extended to a Control Box.
- 2) New test according to the standards IEC 60079-0:2011 (Ed. 6), IEC 60079-1:2007 (Ed. 6), IEC 60079-7:2006 (Ed. 4), IEC 60079-11:2006 (Ed. 5), IEC 60079-18:2009 (Ed. 3), IEC 60079-31:2008 (Ed. 1)
- 3) New marking
- 4) New list of gaskets.

Annexe: Annex-IECEx_PTB_08_0006-Issue1.pdf

