



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx PTB 08.0003U	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 4	Issue 3 (2012-03-12)
Date of Issue:	2016-09-12		Issue 2 (2009-08-17)
Applicant:	ROSE Systemtechnik GmbH Erbeweg 13 32457 Porta Westfalica Germany		Issue 1 (2008-11-24)
Equipment:	Empty Enclosure Type 26.*****		Issue 0 (2008-03-12)
Optional accessory:			
Type of Protection:	Increased Safety "eb", Protection by enclosures "tb"		
Marking:	Ex eb IIC Gb Ex tb III C Db		

Approved for issue on behalf of the IECEx
Certification Body:

Dr.-Ing. Detlev Markus

Position:

Head of Working Group "Flame Transmission Processes"

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



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

Additional
manufacturing
locations:

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 equipment 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](#) Explosive atmospheres - Part 0: General requirements
Edition:6.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

[IEC 60079-7:2015](#) Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

This Certificate **does not** indicate compliance with 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/ExTR08.0007/04](#)

Quality Assessment Report:

[DE/TUR/QAR09.0009/06](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

Description of equipment

Empty enclosure of type 26.*****, made of polyester, which may be provided with flanges and a glass or plastic inspection window. It can optionally be fitted with an earth bolt compl. with / or without off-shore plate and screwed or riveted typeplates made of stainless steel.

Technical Data, Nomenclature and Schedule of Limitations see Annex.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- 1) New test according to the standards IEC 60079-7:2015 and IEC 60079-31:2013.
- 2) New marking.
- 3) The maximum ambient temperature is decreased to +127 °C.

Annex:

[COCA-08.0003U-Issue 4.pdf](#)



Applicant: ROSE Systemtechnik GmbH
Erbeweg 13
32457 Porta Westfalica
Germany

Electrical Apparatus: Empty Enclosure Type 26.*****

Description of equipment

Empty enclosure of type 26.*****, made of polyester, which may be provided with flanges and a glass or plastic inspection window.
It can optionally be fitted with an earth bolt compl. with / or without off-shore plate and screwed or riveted type plates made of stainless steel.

Technical data

Sizes and Product lines				
Type 26.08 08 06 to 26.41 40 20 (Ex-standard-enclosure)	Width	Height	Depth	
min.	80 mm	75 mm	56 mm	
max.	400 mm	405 mm	201 mm	
Type 26.88 01 00 to 26.88 04 00 (Ex-Okta Box-enclosure)	Width	Height	Depth	
min.	81 mm	81 mm	75 mm	
max.	200 mm	200 mm	125 mm	
Type 26.14 01 00 to 26.14 03 00 (Ex-PF-enclosure)	Width	Height	Depth	
min.	270 mm	170 mm	136 mm	
max.	541 mm	270 mm	136 mm	
Type 26.12 20 00 to 26.40 60 00 (Mini-Polyglas-Ex-enclosure and Polyglas-Ex-enclosure)	Width	Height	Depth	
min.	200 mm	120 mm	100 mm	
max.	405 mm	605 mm	252 mm	
Type 26.01 22 15 to 26.01 44 15 (Ex-Combi Box-enclosure)	Width	Height	Depth	
min.	177 mm	177 mm	145 mm	
max.	360 mm	360 mm	145 mm	



Ambient temperature

- 55 °C to +127 °C with Silicon gasket
- 40 °C to +100 °C with HF gasket
- 40 °C to +100 °C with PU foam
- 20 °C to + 85 °C with CR gasket
- 20 °C to +100 °C with window out of glas
- 50 °C to +100 °C with PC-window mono duro clear 8099,conductive
to +105 °C Ex-PF-enclosure, Mini-Polyglas-Ex-enclosure and Polyglas-Ex-enclosure
(minimum temperature depends on the gasket used)

Ingress protection IP 66 acc. to IEC 60529

Thread stud of the earth bolt compl...... M6x60, M8x50, M10x60, M12x80

Nomenclature

26.	**	**	**
1	2	3	4

- 1: Type, material polyester
- 2: Height or product line (see above)
- 3: Width or number depending on product line
- 4: Depth or number depending on product line

Schedule of limitations

Installation of electrical components requires a further assessment by an ExCB.