



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 08.0005U Issue No: 2 Certificate history:
Status: Current Issue No. 2 (2016-09-08)
Date of Issue: 2016-09-08 Issue No. 1 (2012-02-29)
Applicant: ROSE Systemtechnik GmbH Issue No. 0 (2008-03-07)
Erbeweg 13
32457 Porta Westfalica
Germany
Equipment: Empty Enclosure Type 25.*****
Optional accessory:
Type of Protection: Increased Safety "eb", Protection by enclosures "tb"
Marking: Ex eb IIC Gb
Ex tb IIIC 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:

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: ROSE Systemtechnik GmbH
Erbeweg 13
32457 Porta Westfalica
Germany

Additional 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 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 Edition:5.0	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/ExTR08.0004/02](#)

Quality Assessment Report:





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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description

Empty enclosure type 0E ##### made of aluminium which are provided with 90mm diameter cable glands for cable entry.

CONDITIONS OF CERTIFICATION: NO



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

- 1) New test according to IEC 60079-0:2011, IEC 60079-7:2015, IEC 60079-31:2013
- 2) New marking.

Annex:

[COCA08.0005U-02.pdf](#)



Applicant: ROSE Systemtechnik GmbH
Erbeweg 13
32457 Porta Westfalica
Germany

Electrical Apparatus: Empty Enclosure Type 25.*****

Description of equipment

Empty enclosure type 25.*****, made of aluminium, which may be provided with flanges and

Technical data

sizes	length	width	depth

Ambient temperature

- 55 °C to +135 °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 GR gasket
- 20 °C to +100 °C with window out of glas
- 50 °C to +100 °C with PC-window mono duro clear 8099, conductive

Protection against contact, foreign bodies and water

IP 66 acc. to IEC 60529

Nomenclature

25.	**	**	**
1	2	3	4

- 1: Material aluminium
- 2: Height
- 3: Width
- 4: Depth

Schedule of limitations

The empty enclosure with a coating must not be used in areas affected by charge-producing processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust.

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

IECEX Technical Report: DE/PTB/ExTR08.0004/02 details

ExTR :

ExTR Reference Number* : DE/PTB/ExTR08.0004/02
(automatic numbering)

Status* : Issued

ExTR Free Reference Number* : DE/PTB/ExTR08.0004/00

Date of Issue : 2016-09-08
(yyyy-mm-dd)

Details of change* : New test according to IEC 60079-0:2011, IEC 60079-7:2015, IEC 60079-31:2013 and changing of the marking

List of Standards Covered* : IEC 60079-0 (Ed.6.0); IEC 60079-31 (Ed.2); IEC 60079-7 (Ed.5.0)

Issuing ExTR : PTB - Physikalisch-Technische Bundesanstalt (PTB)

Endorsing ExTR : PTB - Physikalisch-Technische Bundesanstalt (PTB)

Manufacturer* : BODE SYSTEMS GmbH, SIBEL-FAK IKS
Erbeweg 13-15

Country of Manufacture* : Germany

Increased Safety "eb"
Protection by Enclosures "tb"

Ratings : see certificate

Equipment* : Empty Enclosure

Model Reference* : Type 25

Related IECEX Certificates : [IECEX PTB 08.0005U issue: 2 \[Current\]](#)

Comment :

Attachment :

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