

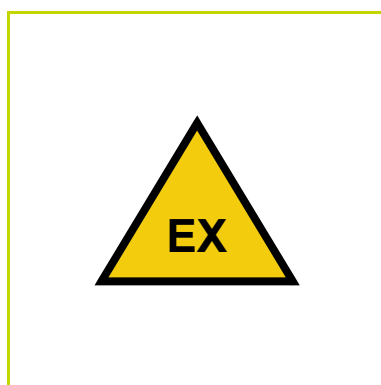
EX CERTIFICATE – IECEx

vibro-meter®

IECEx PTB 08.0003U

for



**ABA15x, ABA160, JB116, JB118 and PA151
enclosures**



Note: Although the Ex certificate may be included in more than one language, the liability of the notified body applies only on the text of the original copy of the certificate that it published.

Document reference IECEx PTB 08.0003U
Edition 2 – March 2022

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IECEX Certificate of Conformity

Page 2 of 4
Issue No: 4

Certificate No.: **IECEX PTB 08.0003U**

Date of Issue: 2016-09-12

Manufacturer: **ROSE Systemtechnik GmbH**
Erbweg 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 "r"
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/EX/TR08.0007/04

Quality Assessment Report:
DE/TUR/QAR08.0009/06

IECEX Certificate of Conformity

Page 1 of 4
Issue No: 4

Certificate No.: **IECEX PTB 08.0003U**

Status: **Current**

Date of Issue: 2016-09-12

Applicant: **ROSE Systemtechnik GmbH**
Erbweg 13
32457 Porta Westfalica
Germany

Equipment: **Empty Enclosure Type 26:*******

Optional accessory:

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.iecex.com

Certificate history:
Issue 3 (2012-03-12)
Issue 2 (2009-08-17)
Issue 1 (2008-11-24)
Issue 0 (2008-03-12)

Type of Protection: Increased Safety "eb", Protection by enclosures "ib"

Marking: Ex eb IIC Gb
Ex Ib IIC Db

Approved for issue on behalf of the IECEx Certification Body:



Position: **Dr.-Ing. Detlev Markus**
Head of Working Group "Flame Transmission Processes"

Signature: _____
(for printed version)



Date: _____

1. The 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

Physikalisch-Technische Bundesanstalt
Bundesallee 100
38116 Braunschweig
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IECEX Certificate of Conformity



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Certificate No.: **IECEX PTB 08.0003U** Page 4 of 4
 Date of issue: 2016-09-12 Issue No: 4

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](#)

IECEX Certificate of Conformity

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Issue No: 4

Certificate No.: **IECEX PTB 08.0003U** Page 3 of 4
 Date of issue: 2016-09-12 Issue No: 4

EQUIPMENT:
 Equipment and systems covered by this Certificate are as follows:

Description of equipment
 Empty enclosure of type 2E, *****, 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



Attachment to Certificate

IECEX PTB 08.0003U, Issue No. 4



Attachment to Certificate

IECEX PTB 08.0003U, Issue No. 4



Applicant:

ROSE Systemtechnik GmbH
Erbweg 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	Width	Height	Depth
Type 26.08.08.06 to 26.41.40.20 (Ex-standard-enclosure)	min.	75 mm	56 mm
	max.	405 mm	201 mm
Type 26.88.01.00 to 26.88.04.00 (Ex-Okta Box-enclosure)	min.	81 mm	75 mm
	max.	200 mm	125 mm
Type 26.14.01.00 to 26.14.03.00 (Ex-PF-enclosure)	min.	170 mm	136 mm
	max.	541 mm	136 mm
Type 26.12.00.00 to 26.40.60.00 (Mini-Polyglas-Ex-enclosure and Polyglas-Ex-enclosure)	min.	200 mm	100 mm
	max.	405 mm	252 mm
Type 26.01.22.15 to 26.01.44.15 (Ex-Combi Box-enclosure)	min.	177 mm	145 mm
	max.	360 mm	145 mm

Physikalisch-Technische Bundesanstalt (PTB)

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Postfach 33 45, 38023 Braunschweig, Germany
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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.

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