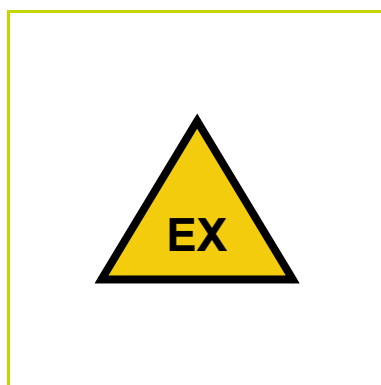


EX CERTIFICATE – IECEx

vibro-meter®




IECEx BVS 16.0026U
for
ABA17x industrial housings



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 BVS 16.0026U
Edition 2 – January 2022

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Page 2 of 5
Issue No: 1

Certificate No.: **IECEX BVS 16.0026U**

Date of issue: 2019-02-20

Manufacturer: **thuba Ltd.**
Blauensteinerstrasse 16
4002 Basel
Switzerland

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 "g"
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/BVS/EXTR16.0029/01](#)

Quality Assessment Report: [DE/BVS/QAR13.0010/05](#)





Page 1 of 5
Issue No: 1

Certificate No.: **IECEX BVS 16.0026U**

Status: **Current**

Date of Issue: 2019-02-20

Applicant: **thuba Ltd.**
Blauensteinerstrasse 16
4002 Basel
Switzerland

Ex Component: Empty enclosure type eCAME ** ** *

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Equipment dust ignition protection by enclosure "t"; Equipment protection by increased safety "g"**

Marking: Ex eb IIC Gb
Ex Ib IIC Db

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

Certificate history:
[Issue 0 \(2016-05-10\)](#)

Approved for issue on behalf of the IECEx
Certification Body:

Position: **Jörg Koch**
Head of Certification Body


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



Certificate issued by:
DEKRA Testing and Certification GmbH
Certification Body
Dinnendahlstrasse 9
44809 Bochum
Germany



On the safe side.




IECEX Certificate of Conformity

Page 4 of 5
Issue No: 1

Certificate No.: **IECEX BVS 16.0026U**

Date of issue: 2019-02-20

DETAILS OF CERTIFICATE CHANGES for issues 1 and above)
Update for the new Ex component certificate layout.



IECEX Certificate of Conformity

Page 3 of 5
Issue No: 1

Certificate No.: **IECEX BVS 16.0026U**

Date of issue: 2019-02-20


Ex Component(s) covered by this certificate is described below:

Subject and Type
Empty enclosure type eCAM **1)** **2)** **3)

Type	size		
	width ¹⁾ [mm]	height ²⁾ [mm]	depth ³⁾ [mm]
Enclosure with screwed fixing covers (size range)			
eCAM 12 12 08	120	120	80
up to			
eCAM 40 40 20	400	400	200
Enclosure with hinges and latches (size range)			
eCAM 20 20 10	200	200	100
up to			
eCAM 100 120 50	1000	1200	500

Description
The empty enclosure type eCam ** ** is built in type of protection Increased Safety "e" for use in areas with EPL Gb or Protection by Enclosure "i" for use in areas with EPL Db.
The empty enclosure is used for the mounting of different switch and control apparatus. The enclosure consists of steel or stainless steel and can be constructed with a screwed fixing cover or a cover with hinges and latches.

SCHEDULE OF LIMITATIONS:
N/A

 	IECEX Certificate of Conformity	Page 5 of 5 Issue No: 1
Certificate No.: IECEX BVS 16.0026U		
Date of issue: 2019-02-20		
Additional information: Parameters		
Limits of service temperature		-55 °C up to +100 °C
IP protection degree		IP66

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