



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 ULD 20.0006X** Page 1 of 3 [Certificate history:](#)
Status: **Current** Issue No: 0
Date of Issue: 2021-03-03
Applicant: **Bimed Teknik Aletler Sanayi Ve Ticaret A.Ş.**
S.S Bakir Piriç Sanayi Sitesi Leylak Caddesi no:16
TR-34524 Beylikdüzü - Istanbul
Turkey
Equipment: **EBVG and EBVEG Metal Ventilation Cable Glands**
Optional accessory:
Type of Protection: **Increased Safety "eb", Dust Ignition Protection by Enclosure "tb"**
Marking: Ex eb IIC Gb
Ex tb IIIC Db
-40°C to +80°C

Approved for issue on behalf of the IECEx
Certification Body:

Katy A. Holdredge

Position:

Senior Staff Engineer

Signature:
(for printed version)

Date:

2021-03-03

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:

UL International DEMKO A/S
Borupvang 5A
DK-2750 Ballerup
Denmark





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Manufacturer: **Bimed Teknik Aletler Sanayi Ve Ticaret A.Ş.**
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TR-34524 Beylikdüzü - Istanbul
Turkey

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 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

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:

[DK/ULD/ExTR20.0005/00](#)

Quality Assessment Report:

[IT/CES/QAR12.0003/07](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The Metal Ventilation Cable Glands (EBVG) and the Metal EMC Ventilation Cable Glands (EBVEG) are used to permanently introduce circular cables into enclosures having either threaded or plain entries whilst also providing the enclosure with ventilation.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- The cable glands are only suitable for fixed installations.
- Cables shall be effectively clamped to prevent pulling or twisting.

Annex:

[Annex to IECEx ULD 20.0006X Issue 0.pdf](#)



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TYPE DESIGNATION

Example : EBVG 1M(M20)BNC

EBVG 1 2 3

EBVG – Standard Ventilation Cable Gland

EBVEG – EMC Ventilation Cable Gland

1 – Thread Type and Size

1M(M20) – M20 x 1.5 (Metric UNI ISO 261)

1N(1/2") – NPT 1/2" (NPT ANSI ASME B1.20.1)

4P(13,5) – PG 13,5 (PG DIN 40430)

1C(1/2") – GAS 1/2" (GAS ISO 228-1)

1S(1/2") – NPSM 1/2" (NPSM ANSI/ASME B1.20.1)

2 – Body Material

B- Brass

BN – Nickel Plated Brass

X – Stainless Steel

Z – Galvanized Steel

3 – Entry Thread Sealing

C – Chloroprene Oring

WC – Chloroprene Washer

Blank – None

MARKING

Marking has to be readable and indelible; it has to include the following indications:

Example marking A
BMD EBVG1M(M20)BNC
CE 0722 II2GD
Ex eb IIC Gb Ex tb IIIC Db IP66/68
Ta -40°C to +80°C
IECEx ULD 20.0006X UL 20 ATEX 2330X

