

EU-TYPE EXAMINATION CERTIFICATE



Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

- [1] EU-Type Examination Certificate Number: **UL 20 ATEX 2330X Rev. 0**
- [2] Product: **EBVG and EBVEG Metal Ventilation Cable Glands**
- [3] Manufacturer: **Bimed Teknik Aletler Sanayi Ve Ticaret A.Ş.**
- [4] Address: **S.S Bakir Piriñ Sanayi Sitesi Leylak Caddesi no:16, TR-34524 Beylikdüzü Istanbul, Turkey**
- [5] This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [6] UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.
- [7] The examination and test results are recorded in confidential report no. **DK/ULD/ExTR20.0005/00.**
- [8] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- EN IEC 60079-0:2018 EN IEC 60079-7: 2015 +A1:2018 EN 60079-31:2014**
- [9] If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.
- [10] This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.
- [11] The marking of the product shall include the following:

II 2 G Ex eb IIC Gb
 II 2 D Ex tb IIIC Db

Certification Manager

Jan-Erik Storgaard

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2021-03-03

Notified Body

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Schedule
EU-TYPE EXAMINATION CERTIFICATE No.
UL 20 ATEX 2330X Rev. 0

[15] Description of Product
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.

Model nomenclature:

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

Temperature range
The service temperature range is -40 °C to +80 °C.

Electrical data
N/A

Routine tests
N/A

[16] Descriptive Documents
The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

[17] Specific conditions of use:

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

[18] Essential Health and Safety Requirements
The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information
All models with o-ring or sealing washer have in addition passed the tests for Ingress Protection to IP66, IP67 and IP68 in accordance with EN60529:1991+A1:2000+A2:2013.

The trade name **BMD** will be used as the company identifier on the marking label.

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.