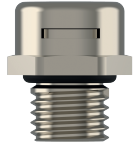
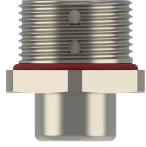


SAFETY, MAINTENANCE & MOUNTING INSTRUCTIONS

IMQ 13 ATEX 030X
IECEx IMQ 14.0003X



VENTILATION PLUG
TYPE *BBVP



DRAIN PLUG
TYPE BDRV



DRAIN PLUG
TYPE BMDR



CONTENTS

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- 3 MOUNTING INSTRUCTION for DRAIN PLUG TYPE BMDR
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- 7 SAFETY INSTRUCTION (IP PROTECTION)
- 8 EU DECLARATION OF CONFORMITY

1 MARKINGS & APPLICABLE CODES

MARKINGS

BMD BDRV..	CE 0722 Ex	II2GD Ex eb IIC Gb Ex tb IIIC Db IP66 IMQ 13 ATEX 030X IECEx IMQ 14.0003X
BMD *BBVP..	CE 0722 Ex	II2GD Ex eb IIC Gb Ex tb IIIC Db IP66/68 IMQ 13 ATEX 030X IECEx IMQ 14.0003X
BMD BMDR..	CE 0722 Ex	II2GD Ex eb IIC Gb Ex tb IIIC Db IP66 IMQ 13 ATEX 030X IECEx IMQ 14.0003X

APPLICABLE STANDARDS

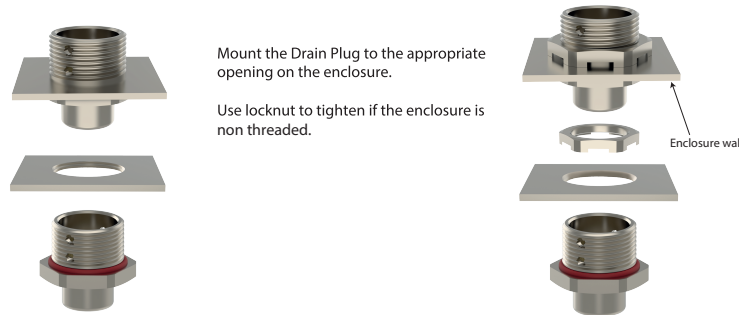
EN IEC 60079-0:2018 + A11:2024 IEC 60079-0:2017 EN 60079-7:2015 EN IEC 60079-7:2015 + A1:2018 IEC 60079-7:2017 EN 60079-31:2014 IEC 60079-31:2022 EN IEC 60079-31:2024 EN 60529:1991 + A1:2000+A2:2013 IEC 60529:2013 (Ed. 2.2) DIRECTIVE 2014/34/EU ATEX	Ventilation Plug: UL 60079-0 (7th Ed.) UL 60079-7 (5th Ed.) UL 60079-31 (2nd Ed.) CSA C22.2 No.60079-0 (4th Ed.) CSA C22.2 No.60079-7 (2th Ed.) CSA C22.2 No.60079-31 (2th Ed.)	Drain Plugs: UL 508A (3rd Ed.) UL 50E (TYPE 4X) CSA C22.2 No.14 (13th Ed.)
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OPERATION TEMPERATURES

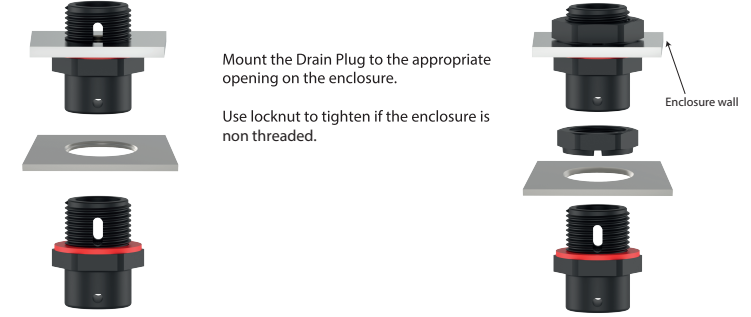
For Drain Plug: -60°C to +85°C

For Vent Plug: -40°C to +100°C

2 MOUNTING INSTRUCTION for DRAIN PLUG TYPE BDRV



3 MOUNTING INSTRUCTION for DRAIN PLUG TYPE BMDR



4 MOUNTING INSTRUCTION for VENTILATION PLUG



*Qualified personel in compliance with the national laws shall carry out the maintenance in accordance with EN/IEC 60079-17 and installation in accordance with EN/IEC 60079-14.

*Changes to products are not allowed.

*Only Bimed spare parts must be used.

*Everyday and extraordinary maintenance operations must be carried out only by qualified personel after approval from expert technicians.

*The maintenance operations must be carried out only after the engine has been cut off from mains or from the related electrical appliance.

*The following instructions must be strictly followed in order to get a correct installation.

*The national safety rules and accident prevention regulations, must be strictly respected.

Non Threaded Enclosure Applications

*Recommended hole diameters for non threaded enclosure applications in relation with the used thread types are shown below.

Metric Threads	
Thread	Hole Diameter (min. - max. mm)
M12x1.5	Ø12,0-12,2
M20x1.5	Ø20,0-20,2
M25x1.5	Ø25,0-25,2

SIZE TABLE of DRAIN and VENTILATION PLUGS

Drain Plug Type BDRVY

Thread Type METRIC acc. to ISO 965-3		
Outer Thread Size	Part Number	Body Tightening Torque [Nm]
M20x1.5	BDRVY-1M	2.0
M25x1.5	BDRVY-2M	4.0

Thread Type NPT acc. To ANSI/ASME B1.20.1		
Outer Thread Size	Part Number	Body Tightening Torque [Nm]
NPT 1/2"	BDRVY-1N	2.0
NPT 3/4"	BDRVY-2N	4.0

Drain Plug Type BMDRP

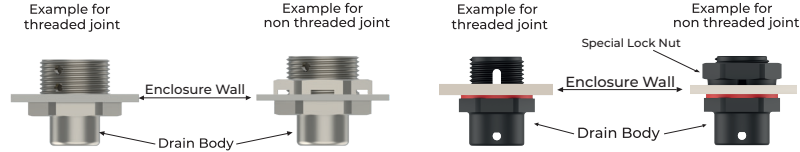
Thread Type METRIC acc. to ISO 965-3		
Outer Thread Size	Part Number	Body Tightening Torque [Nm]
M20x1.5	BMDRP-X25	2.0
M25x1.5	BMDRP-X35	2.5

Ventilation Plugs

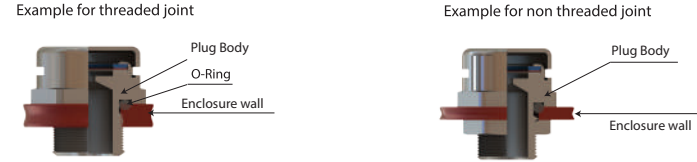
Thread Type METRIC acc. to ISO 965-3				
Outer Thread Size (Male)	Average Air Flow $\Delta P=70 \text{ mBar} / 1 \text{ psi}$ l/h	Water Ingression Pressure bar	Part Number	Body Tightening Torque [Nm]
M12x1.5	16	0.9	SBBVP-X01	0.5
	16	0.9	SBBVP-X01L	
	25	0.5	MBBVP-X01	
	25	0.5	MBBVP-X01L	
	120	0.2	HBVP-X01	
	120	0.2	HBVP-X01L	
	300	0.1	UHBVP-X01	
	300	0.1	UHBVP-X01L	

*NPT and PG1 threads are also available.

FOR DRAIN PLUG TYPE BDRVY & BMDRP



FOR VENTILATION PLUGS



- The plugs should be assembled according to the Safety, Maintenance and Mounting Instruction in order to guarantee the specified IP ratings.

*For Ex e applications with threaded enclosures it is recommended to engage 3 full threads, otherwise it is recommended to use locknut.



EU DECLARATION OF CONFORMITY



bimed

Bimed Teknik Aletler San. ve Tic. A.Ş.
Özar Sanayi Bölgesi, Deliklikaya Mh. Yüzbaşı Mehmet Hilmi Cd. No.28/1 Arnavutköy –
İstanbul-TÜRKİYE Tel. +90 212 8757376 Fax. +90 212 8750823

declares that the products designed to be placed on the market for use in the explosive atmospheres described below are in conformity with the listed EU Directive and harmonized standards.

Drain Plug Type: BDRVY
BMDRP
*BBVP
Ventilation Plug Type:

Certificate Number: IMQ 13 ATEX 030X
Protection Type ; II 2 GD; Ex eb IIC Gb ; Ex tb IIIC Db

EU Directive; DIRECTIVE 2014/34/EU ATEX
The harmonized standards applied;
EN IEC 60079-0:2018 + A11:2024
EN 60079-7:2015
EN IEC 60079-7:2015 + A1:2018
EN 60079-31:2014
EN IEC 60079-31:2024
EN 60529:1991+ A1:2000+A2:2013

Notified body CESA 0722

Istanbul, 17.02.2026

General Manager
Yakup Gülnihal
bimed
TEKNİK ALETLER
SANAYİ VE TİCARET
A.Ş.