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SAFETY, MAINTENANCE AND MOUNTING INSTRUCTIONS

IMQ 13 ATEX 018X IECEx IMQ 13.0006X
CML 21 UKEX1474X

GLANDS TYPES


EBLN
LUPUS


EBLQ
SCORPIUS


EBLS
HYDRUS


EBMC
CORVUS


EBM
CARINA


EBMS
CYGNUS

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1 MARKINGS

BMD EBLN..	CE 0722 Ex	II2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db IP66/68 IMQ 13 ATEX 018X /IECEx IMQ 13.0006X
BMD EBLN..(axb)	CE 0722 Ex	II2GD Ex eb IIC Gb Ex tb IIIC Db IP66/68 IMQ 13 ATEX 018X /IECEx IMQ 13.0006X

APPLICABLE STANDARDS

DIRECTIVE 2014/34/EU	SI 2016 No. 1107(amended by SI 2019 No.696)	
EN IEC 60079-0:2018	IEC 60079-0:2017 Ed.7.0	IEC 60529:1989
EN IEC 60079-7:2015+A1:2018	IEC 60079-1:2014-06 Ed.7.0	EN 60529:1991
EN 60079-1:2014	IEC 60079-7:2017 Ed.5.1	
EN 60079-31:2014	IEC 60079-31:2013 Ed.2	

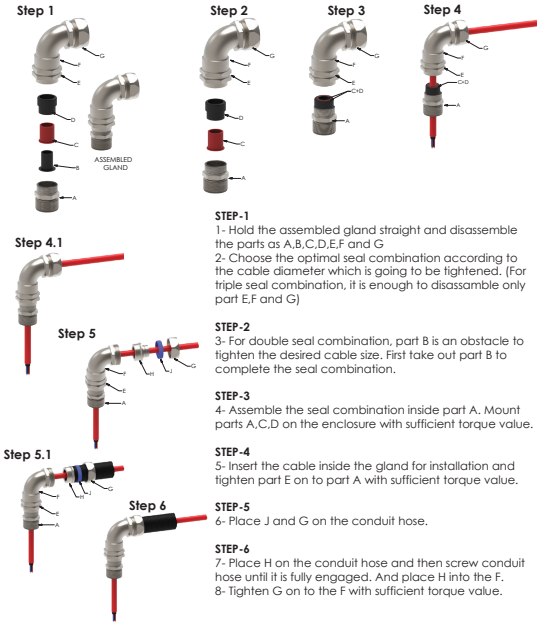
OPERATING TEMPERATURES

for Ex db, Ex tb execution, supplied with silicon sealing rings, O-rings, or washers:
Ta -60°C +80°C supplied with Chloroprene sealing rings, O-rings or washers: Ta -40°C +80°C
for Ex eb, Ex tb execution, supplied with silicon sealing rings, O-rings or washers:
Ta -60°C +140°C. Supplied with chloroprene sealing rings, O-rings or washers: Ta -40°C +80°C

2 SAFETY INSTRUCTION

-Qualified personnel in compliance with the nation laws shall carry out the maintanence 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 personnel 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.
-In case of ambient temperature is below -30°C, austenitic steels must be used according to EN10213-3 (Brass or Stainless steel AISI 316).
-The clamping of the cables must be realised outside of enclosure by appropriate toque values to guarantee the mechanical characteristics.
-The cable glands can be used with Ex i circuits.
-The cable glands are only suitable for fixed installations. Cables shall be effectively clamped to prevent pulling or twisting.
-The cable gland installation shall be done according to safety manufacturer instructions to maintain degree of protection.
-Cable gland installation shall be done taking into account the temperature range declared for cable glands in relation to protection mode execution, versus the ambient temperature proper of installation.
-When cable glands are installed with polyamide insert BDPX…, mechanical risk have to taken into account, depending on cable gland and insert tap. The upper operating temperature is limited to 70oC. When insert tap is removed in order to install to proper cable, the integrity of sealing rings have to be checked, in order to guarentee the correct tightness. If necessary, sealing rings have to be replaced with new ones. Precautions shall be taken in order to guarentee protection against risk of mechanical demage is provided, when insert taps are suitable for low mechanical risk (4J) only.
-Cable glands for non-circular cables shall be fitted with proper cables, suitable for sealing ring, according to manufacturer's instruction.
-The certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed in the first page of the manuel.
-The certificate does not cover hazards coming from environmental conditions different from those clearly and precisely indicated in clause 1 of EN 60079-0.
-Flat washer material should be same material with the inner sealing of the gland.Service temperature of the gland is related to the material of the sealing ring but can additionally be limited by the material of the flat washer/oring/accessories.

3 Mounting Instruction EBLN & EBLQ



STEP-1
1- Hold the assembled gland straight and disassemble the parts as A,B,C,D,E,F and G
2- Choose the optimal seal combination according to the cable diameter which is going to be tightened. (For triple seal combination, it is enough to disassamble only part E,F and G)

STEP-2
3- For double seal combination, part B is an obstacle to tighten the desired cable size. First take out part B to complete the seal combination.

STEP-3
4- Assemble the seal combination inside part A. Mount parts A,C,D on the enclosure with sufficient torque value.

STEP-4
5- Insert the cable inside the gland for installation and tighten part E on to part A with sufficient torque value.

STEP-5
6- Place J and G on the conduit hose.

STEP-6
7- Place H on the conduit hose and then screw conduit hose until it is fully engaged. And place H into the F.
8- Tighten G on to the F with sufficient torque value.

Rev.04

4 EBLN & EBLQ Size Tables

Thread Type **METRIC acc. to ISO 965-3**

Outer Thread Size (Male)	For Sealtitle Nominal Size	Clamping Range S1+S2+S3 min-max mm	Clamping Range S1+S2 min-max mm	Clamping Range S1 min-max mm	Torque S1+S2+S3 Nm	Torque S1+S2 Nm	Torque S1 Nm	Part Number
M12x1,5	1/2 "	4-6	6-8	-	20	18	-	EBLN02M
M16x1,5	1/2 "	4-6	6-9	9-12	20	18	15	EBLN01M
M20x1,5	3/8 "	4-6	6-9	9-10	20	18	15	EBLN1SM
	1/2 "	4-6	6-9	9-12	20	18	15	EBLN1M
M25x1,5	3/4 "	10-12	12-14,5	14,5-18	25	20	18	EBLN2M
M32x1,5	1 "	14-17	17-20	20-24	35	23	20	EBLN3M
M40x1,5	1 1/4 "	22-24	24-27	27-32	56	35	45	EBLN4M
M50x1,5	1 1/2 "	26-28	28-31	31-35	56	54	50	EBLN5M

Thread Type **METRIC acc. to ISO 965-3**

Outer Thread Size (Male)	For Sealtitle Nominal Size	Clamping Range S1+S2+S3 min-max mm	Clamping Range S1+S2 min-max mm	Clamping Range S1 min-max mm	Torque S1+S2+S3 Nm	Torque S1+S2 Nm	Torque S1 Nm	Part Number
M12x1,5	1/2 "	4-6	6-8	-	20	18	-	EBLQ02M
M16x1,5	1/2 "	4-6	6-9	9-12	20	18	15	EBLQ01M
M20x1,5	3/8 "	4-6	6-9	9-10	22	20	18	EBLQ1SM
	1/2 "	4-6	6-9	9-12	20	18	15	EBLQ1M
M25x1,5	3/4 "	10-12	12-14,5	14,5-18	25	20	18	EBLQ2M
M32x1,5	1 "	14-17	17-20	20-24	35	23	20	EBLQ3M
M40x1,5	1 1/4 "	22-24	24-27	27-32	56	35	45	EBLQ4M
M50x1,5	1 1/2 "	26-28	28-31	31-35	56	54	50	EBLQ5M

5 Mounting Instruction EBLS



STEP-1
1- Hold the assembled gland straight and disassemble the parts as A,B,C,D,E,F,G and H.
2- Choose the optimal seal combination according to the cable diameter which is going to be tightened. (For triple seal combination, it is enough to disassamble only part F,G and H.)

STEP-2
3- For double seal combination,part B is an obstacle to tighten the desired cable size. First take out part B to complete the seal combination.

STEP-3
4- Assemble the seal combination inside part A. Mount (parts A, C,D) on the enclosure with sufficient torque value.

STEP-4
5- Insert the cable inside the gland for installation tighten part A and E with sufficient torque values.

STEP-5
6- Place H and G on the conduit hose.

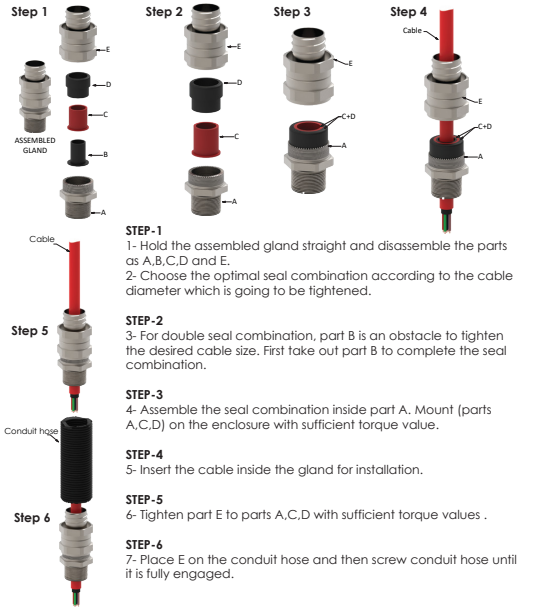
STEP-6
7- Place F on the conduit hose and then screw conduit hose until it is fully engaged. Place F into the E.
8-Tighten H on to the E with sufficient torque value.

6 EBLS Size Tables

Thread Type **METRIC acc. to ISO 965-3**

Outer Thread Size (Male)	For Sealtitle Nominal Size	Clamping Range S1+S2+S3 min-max mm	Clamping Range S1+S2 min-max mm	Clamping Range S1 min-max mm	Torque S1+S2+S3 Nm	Torque S1+S2 Nm	Torque S1 Nm	Part Number
M12x1,5	1/2 "	4-6	6-8	-	20	18	-	EBLS02M
M16x1,5	1/2 "	4-6	6-9	9-12	20	18	15	EBLS01M
M20x1,5	3/8 "	4-6	6-9	9-10	20	18	15	EBLS1SM
	1/2 "	4-6	6-9	9-12	20	18	15	EBLS1M
M25x1,5	3/4 "	10-12	12-14,5	14,5-18	25	20	18	EBLS2M
M32x1,5	1 "	14-17	17-20	20-24	35	23	20	EBLS3M
M40x1,5	1 1/4 "	22-24	24-27	27-32	56	35	45	EBLS4M
M50x1,5	1 1/2 "	26-28	28-31	31-35	56	54	50	EBLS5M

7 Mounting Instruction EBMC



STEP-1
1- Hold the assembled gland straight and disassemble the parts as A,B,C,D and E.
2- Choose the optimal seal combination according to the cable diameter which is going to be tightened.

STEP-2
3- For double seal combination, part B is an obstacle to tighten the desired cable size. First take out part B to complete the seal combination.

STEP-3
4- Assemble the seal combination inside part A. Mount (parts A,C,D) on the enclosure with sufficient torque value.

STEP-4
5- Insert the cable inside the gland for installation.

STEP-5
6- Tighten part E to parts A,C,D with sufficient torque values .

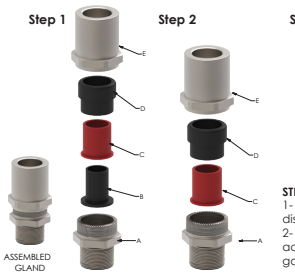
STEP-6
7- Place E on the conduit hose and then screw conduit hose until it is fully engaged.

8 EBMC Size Table

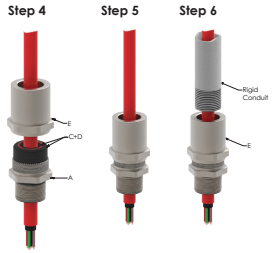
Thread Type **METRIC acc. to ISO 965-3**

Outer Thread Size (Male)	For Sealtite Nominal Size	Clamping Range S1+S2+S3 min-max mm	Clamping Range S1+S2 min-max mm	Clamping Range S1 min-max mm	Torque S1+S2+S3 Nm	Torque S1+S2 Nm	Torque S1 Nm	Part Number
M12x1,5	1/2"	4-6	6-8	-	20	18	-	EBMC0SM
M16x1,5	3/8"	-	3-6	6-9	-	25	18	EBMC01SM
	1/2"	4-6	6-9	9-12	20	18	15	EBMC01M
M20x1,5	3/8"	-	3-6	6-9	-	25	18	EBMC1SM
	1/2"	4-6	6-9	9-12	20	18	15	EBMC1M
	3/4"	10-12	12-14,5	14,5-16	22	20	18	EBMC12M
M25x1,5	3/4"	10-12	12-14,5	14,5-18	25	20	18	EBMC2M
	1"	14-17	17-20	-	35	23	-	EBMC23M
M32x1,5	1"	14-17	17-20	20-24	35	23	20	EBMC3M
	1 1/4"	22-24	24-27	27-28	34	34	34	EBMC34M
M40x1,5	1 1/4"	22-24	24-27	27-32	56	35	45	EBMC4M
	1 1/2"	26-28	28-31	31-34	56	54	50	EBMC45M
M50x1,5	1 1/2"	26-28	28-31	31-35	56	54	50	EBMC5M
	2"	35-38	38-41	41-44	130	125	120	EBMC56M
M63x1,5	2"	35-38	38-41	41-45	190	125	140	EBMC6M
M75x1,5	2 1/2"	46-51	51-56	56-59	130	125	120	EBMC7M

9 Mounting Instruction EBM







STEP-1
1- Hold the assembled gland straight and disassemble the parts as A,B,C,D and E.
2- Choose the optimal seal combination according to the cable diameter which is going to be tightened.

STEP-2
3- For double seal combination, part B is an obstacle to tighten the desired cable size. First take out part B to complete the seal combination.

STEP-3
4- Assemble the seal combination inside part A. Mount (parts A,C,D) on the enclosure with sufficient torque value.

STEP-4
5- Insert the cable inside the gland for installation.

STEP-5
6- Tighten part E to parts A,C,D with sufficient torque values and then screw conduit hose until it is fully engaged.

STEP-6
7- Place the rigid conduit on the E and then screw the rigid conduit until it is fully engaged.

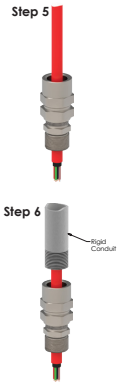
10 EBM Size Table

Thread Type **METRIC acc. to ISO 965-3**

Outer Thread Size (Male)	Inner Thread Size (Female)	Clamping Range S1+S2+S3 min-max mm	Clamping Range S1+S2 min-max mm	Clamping Range S1 min-max mm	Torque S1+S2+S3 Nm	Torque S1+S2 Nm	Torque S1 Nm	Part Number
M12x1,5	NPT 1/4"	4-6	6-8	-	20	18	-	EBM0SM0SN
	NPT 3/8"	4-6	6-8	-	20	18	-	EBM0SM01N
M16x1,5	NPT 1/4"	4-6	6-8	-	20	18	-	EBM01M0SN
	NPT 3/8"	4-6	6-9	9-12	20	18	15	EBM01M01N
	NPT 1/2"	4-6	6-9	9-12	20	18	15	EBM01M12N
M20x1,5	NPT 3/8"	4-6	6-9	9-12	20	18	15	EBM12M01N
	NPT 1/2"	4-6	6-9	9-12	20	18	15	EBM1M1N
	NPT 1/2"	10-12	12-14,5	14,5-16	22	20	18	EBM12M12N
	NPT 3/4"	10-12	12-14,5	14,5-16	22	20	18	EBM12M23N
M25x1,5	NPT 1/2"	10-12	12-14,5	14,5-16	22	20	18	EBM23M12N
	NPT 3/4"	10-12	12-14,5	14,5-18	25	20	18	EBM2M2N
	NPT 3/4"	14-17	17-20	-	35	23	-	EBM23M23N
	NPT 1"	14-17	17-20	-	35	23	-	EBM23M34N
M32x1,5	NPT 3/4"	14-17	17-20	-	35	23	-	EBM34M23N
	NPT 1"	14-17	17-20	20-24	35	23	20	EBM3M3N
	NPT 1"	22-24	24-26	-	34	34		EBM34M34N
	NPT 1 1/4"	22-24	24-27	27-28	56	35	45	EBM34M45N
M40x1,5	NPT 1"	22-24	24-26	-	34	34	-	EBM45M34N
	NPT 1 1/4"	22-24	24-27	28-32	56	35	45	EBM4M4N
	NPT 1 1/4"	26-28	28-31	31-34	56	54	50	EBM45M45N
	NPT 1 1/2"	26-28	28-31	31-34	56	54	50	EBM45M56N
M50x1,5	NPT 1 1/4"	26-28	28-31	31-34	56	54	50	EBM5M45N
	NPT 1 1/2"	26-28	28-31	31-35	56	54	50	EBM5M5N
	NPT 1 1/2"	35-38	38-41	-	190	125	-	EBM56M56N
	NPT 2"	35-38	38-41	41-44	190	125	140	EBM56M67N
M63x1,5	NPT 1 1/2"	35-38	38-41	-	190	125	-	EBM67M56N
	NPT 2"	35-38	38-41	41-45	190	125	140	EBM6M6N
	NPT 2"	46-48	48-52	-	130	125	-	EBM67M67N
	NPT 2 1/2"	46-48	48-52	52-56	130	125	120	EBM67M78N
M75x1,5	NPT 2 1/2"	46-51	51-56	56-62	130	125	120	EBM7M7N
	NPT 2 1/2"	60-64	-	-	120	-	105	EBM78M78N
	NPT 3"	60-65	65-69	-	120	115	-	EBM78M810N
M90x1,5	NPT 2 1/2"	60-64	-	-	120	-	-	EBM810M78N
	NPT 3"	60-65	65-70	70-75	123	115	107	EBM8M8N
	NPT 3"	75-78	78-79,5	-	130	125	-	EBM810M810N
	NPT 4"	75-78	78-81	81-82	130	125	120	EBM810M10N
M100x1,5	NPT 3"	75-78	78-79,5	-	130	125	-	EBM10M810N
	NPT 4"	75-78	78-81	81-85	130	125	120	EBM10M10N
M110x1,5	NPT 4"	85-89	89-92	92-95	155	160	170	EBM11M11N

11 Mounting Instruction EBMS





STEP-1
1- Hold the assembled gland straight and disassemble the parts as A,B,C,D and E.
2- Choose the optimal seal combination according to the cable diameter which is going to be tightened.

STEP-2
3- For double seal combination, part B is an obstacle to tighten the desired cable size. First take out part B to complete the seal combination.

STEP-3
4- Assemble the seal combination inside part A. Mount (parts A,C,D) on the enclosure with sufficient torque value.

STEP-4
5- Insert the cable inside the gland for installation.

STEP-5
7- Tighten part E to parts A,C,D with sufficient torque values .

STEP-6
8- Place the rigid conduit on the E and then screw the rigid conduit until it is fully engaged.

12 EBMS Size Table

Thread Type **METRIC acc. to ISO 965-3 > NPT acc. to ANSI ASME B1.20.1**

Outer Thread Size (Male)	Inner Thread Size (Female)	Clamping Range S1+S2+S3 min-max mm	Clamping Range S1+S2 min-max mm	Clamping Range S1 min-max mm	Torque S1+S2+S3 Nm	Torque S1+S2 Nm	Torque S1 Nm	Part Number
M16x1,5	NPT 3/8"	4-6	6-9	9-12	20	18	15	EBMS01M01N
	NPT 1/2"	4-6	6-9	9-12	20	18	15	EBMS01M12N
M20x1,5	NPT 3/8"	4-6	6-9	9-12	20	18	15	EBMS12M01N
	NPT 1/2"	4-6	6-9	9-12	20	18	15	EBMS1M1N
	NPT 1/2"	10-12	12-14,5	14,5-16	22	20	18	EBMS12M12N
	NPT 3/4"	10-12	12-14,5	14,5-16	22	20	18	EBMS12M23N
M25x1,5	NPT 1/2"	10-12	12-14,5	14,5-16	22	20	18	EBMS23M12N
	NPT 3/4"	10-12	12-14,5	14,5-18	25	20	18	EBMS2M2N
	NPT 3/4"	14-17	17-20	-	35	23	-	EBMS23M23N
	NPT 1"	14-17	17-20	-	35	23	-	EBMS23M34N
M32x1,5	NPT 3/4"	14-17	17-20	-	35	23	-	EBMS34M23N
	NPT 1"	14-17	17-20	20-24	35	23	20	EBMS3M3N
	NPT 1"	22-24	24-27	27-28	34	34	34	EBMS34M34N
	NPT 1 1/4"	22-24	24-27	27-28	34	34	34	EBMS34M45N
M40x1,5	NPT 1"	22-24	24-26	-	34	34	-	EBMS45M34N
	NPT 1 1/4"	22-24	24-27	27-32	56	35	45	EBMS4M4N
	NPT 1 1/4"	26-28	28-31	31-34	56	54	50	EBMS45M45N
	NPT 1 1/2"	26-28	28-31	31-34	56	54	50	EBMS45M56N
M50x1,5	NPT 1 1/4"	26-28	28-31	31-34	56	54	50	EBMS56M45N
	NPT 1 1/2"	26-28	28-31	31-35	56	54	50	EBMS5M5N
	NPT 1 1/2"	35-38	38-41	41-44	130	125	120	EBMS56M56N
	NPT 2"	35-38	38-41	41-44	130	125	120	EBMS56M67N
M63x1,5	NPT 1 1/2"	35-38	38-41	-	190	125	-	EBMS67M56N
	NPT 2"	35-38	38-41	41-45	190	125	140	EBMS6M6N
	NPT 2"	46-48	48-52	52-56	130	125	120	EBMS67M67N
	NPT 2 1/2"	46-48	48-52	52-56	130	125	120	EBMS67M78N
M75x1,5	NPT 2"	46-48	48-52	-	130	125		EBMS78M67N
	NPT 2 1/2"	46-51	51-56	56-62	130	125	120	EBMS7M7N
	NPT 2 1/2"	60-65	65-69	-	120	115	-	EBMS78M78N
	NPT 3"	60-65	65-69	-	120	115	-	EBMS78M810N
M90x1,5	NPT 2 1/2"	60-64	-	-	120	-	-	EBMS810M78N
	NPT 3"	60-65	65-70	70-75	123	115	107	EBMS8M8N
	NPT 3"	75-78	78-81	81-82	130	125	120	EBMS810M810N
	NPT 4"	75-78	78-81	81-82	130	125	120	EBMS810M10N
M100x1,5	NPT 3"	75-78	78-81	81-85	130	125	120	EBMS10M810N
	NPT 4"	75-78	78-81	81-85	130	125	120	EBMS10M10N
M110x1,5	NPT 4"	85-89	89-92	92-95	155	160	170	EBMS11M11N

13 Safety Instruction (IP Protection)

IP protection for Non Threaded enclosure applications

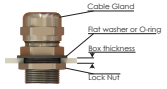
Metric Threads Thread	Metric Threads Hole Diameter (min. - max. mm)	G Threads (GAS UNI ISO 228/1) Thread	G Threads (GAS UNI ISO 228/1) Hole Diameter (min. - max. mm)	PG Threads Thread	PG Threads Hole Diameter (min. - max. mm)
M8x1.25	8,0-8,2	G 1/4"	13,2-13,4	PG 7	12,5-12,7
M12x1,5	12,0-12,2	G 3/8"	16,6-16,8	PG 9	15,2-15,4
M16x1,5	16,0-16,2	G 1/2"	21,0-21,2	PG 11	18,6-18,8
M20x1,5	20,0-20,2	G 3/4"	26,4-26,6	PG 13,5	20,4-20,6
M25x1,5	25,0-25,2	G 1"	33,3-33,6	PG 16	22,5-22,7
M32x1,5	32,0-32,3	G 1 1/4"	41,9-42,2	PG 21	28,3-28,5
M40x1,5	40,0-40,3	G 1 1/2"	47,8-48,1	PG 29	37,0-37,3
M50x1,5	50,0-50,3	G 2"	59,6-59,9	PG 36	47,0-47,3
M63x1,5	63,0-63,3	G 2 1/2"	75,2-75,5	PG 42	54,0-54,3
M75x1,5	75,0-75,3	G 3"	87,9-88,2	PG 48	59,3-59,6
M90x1,5	90,0-90,3	G 4"	113,1-113,4		
M100x1,5	100,0-100,3	G 5"	138,5-138,8		
M110x1,5	110,0-110,3				
M115x2,0	115,0-115,3				
M130x2,0	130,0-130,3				

Recommended Hole Diameters For Non Threaded enclosure applications in relation with the used thread types are shown above.

For non-threaded enclosures it is recommended to use flat washer,between the gland body and enclosure. The recommended wall thickness is 1,5 mm for non threaded enclosures. For non-threaded enclosures, in case of enclosure wall thickness is equal or lower than 1,5 mm, Bimed flat washer should be used. O-ring can stay in the channel if it is necessary. During the assembly it is recommended to rotate the locknut. If the assembly needs to be done by rotating the gland, then o-ring should be preferred.

Ingress Protection: In order to guarantee the specified IP66/68 rating, sealant agent shall be applied on at least two full threads before fitting the gland to the box. In any case you must pay attention to guarantee the metallic continuity. For threaded enclosures min. wall thickness must be equal to the thickness of the relevant locknut.

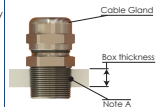
IP Protection for Cylindrical Threaded Joints



Ex d Execution:
-Assemble the gland with o-ring or flat washer through the threaded hole.
-The wall has to be thick enough to engage at least 5 full threads.
-The minimum engaged thread depth must be at least 8 mm.

Ex e & Ex tb Execution:
-Assemble the gland with o-ring or flat washer through the threaded hole.
-You have to respect the minimum wall thickness of 1,5 mm.

IP Protection for Tapered Threaded Joints



NPT	Minimum Engaged Thread Depth mm	inch
1/4	7,055	0,277
3/8	7,055	0,277
1/2	9,070	0,357
3/4	9,070	0,357
1	11,045	0,434
1 1/4	11,045	0,434
1 1/2	11,045	0,434
2	11,045	0,434
2 1/2	15,875	0,625
3	15,875	0,625
4	15,875	0,625
5	15,875	0,625

14 EU DECLARATION OF CONFORMITY

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;

Cable Gland Types: **EBU, EBS, EBLS, EBLQ, EBMC, EBMS, EBLN**

are in execution II 2GD Ex db IIC Gb Ex eb IIC Gb Ex eb IIIC Db IP66/68 with certificate number, **IMQ 13 ATEX 018X**

Cable Gland Types: **EBU(axb), EBS(axb), EBLS(axb), EBLQ(axb), EBMC(axb), EBMS(axb), EBLN(axb), NBU**

are in execution II 2 GD Ex eb IIC Gb Ex tb IIIC Db IP66/68 with certificate number, **IMQ 13 ATEX 018X**

EU Directive; ATEX 2014/34/EU

The harmonized standards applied:
EN IEC 60079-0:2018
EN 60079-1:2014
EN IEC 60079-7:2015/A1:2018
EN 60079-31:2014

Notified body CESI 0722

Istanbul, 02.10.2025

General Manager
Yakup Gülnihal

rev:09

15 UK DECLARATION OF CONFORMITY

UK 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;

Cable Gland Types: **EBU, EBS, EBLS, EBLQ, EBMC, EBMS, EBLN**

are in execution II 2GD Ex db IIC Gb Ex eb IIC Gb Ex eb IIIC Db IP66/68 with certificate number, **CML 21UKEX1474X**

Cable Gland Types: **EBU(axb), EBS(axb), EBLS(axb), EBLQ(axb), EBMC(axb), EBMS(axb), EBLN(axb), NBU**

are in execution II 2 GD Ex eb IIC Gb Ex tb IIIC Db IP66/68 with certificate number, **CML 21UKEX1474X**

UK Directive; SI 2016 No. 1107 (amended by SI 2019 No. 696)

The designated standards applied:
EN IEC 60079-0:2018
EN 60079-1:2014
EN IEC 60079-7:2015/A1:2018
EN 60079-31:2014

Approved body CML 2503

Istanbul, 02.10.2025

General Manager
Yakup Gülnihal

rev:01