

## IMQ 13 ATEX 018X / IECEx IMQ

13.0006X/ CML 21 UKEX1474X

### GLAND TYPES FOR CIRCULAR CABLES



OCTANS-EBU

VELA-EBS

### GLAND TYPES FOR FLAT CABLES

OCTANS-EBU(axb)\*

VELA-EBS(axb)\*

\*Only for Ex eb / Ex tb execution.



**bimed**  
TEKNİK ALETLER SANAYİ VE TİCARET A.Ş.

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## MARKINGS

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

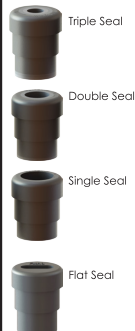
for Ex db, Ex eb, Ex tb execution, supplied with Silicon sealing rings, O-rings or washers: Ta -60°C +80°C supplied with Chloroprene sealing rings, O-rings or washers: Ta -40°C +80°C for Ex eb, Ex tb execution, supplied with Silicon sealing rings, O-rings or washers: Ta -60°C +140°C supplied with Chloroprene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

Rev. 10

## 2 OCTANS & VELA PARTS

OCTANS		VELA	
Nr.	Items	Nr.	Items
A	Body	B	Inner seal
B	Inner seal	C	Middle seal
C	Middle seal	D	Outer seal
D	Outer seal	E	Cap
E	Cap	F	Pressurering
F	O-ring	G	Spring
G	Dome Plug	H	O-ring
H	Washer	I	Washer

### SEALING COMBINATIONS



## 3 Mounting Instruction for OCTANS (EBU)

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

**STEP-2**  
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**  
Assemble the seal combination inside part A. Mount (parts A,C,D) on the enclosure with sufficient torque value. Then mount part A and E engaged one or two threads for inserting cabl inside the gland easier.

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

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

## 4 Mounting Instruction for VELA (EBS)

**STEP-1 :**  
Hold the assembled gland straight and disassemble the parts as A,B,C,D and E. Choose the optimal seal (flat or round) according to the cable diameter, shape which is going to be tightened. (For triple seal combination ,it is enough to disassemble only part E.)  
\*\*Pressure ring and spring are inside part A.

**STEP-2 :**  
For double E 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:**  
Assemble the seal combination inside part A. Mount (parts A,C,D) on the enclosure with sufficient torque value. Then mount part A and E engaged one or two threads for inserting cable inside the gland easier.

**STEP-4 :**  
Insert the cable inside the gland for installation. Place the armour inside the spring (G). Before the installation cut the excess parts of cable sheath and armour.

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

