





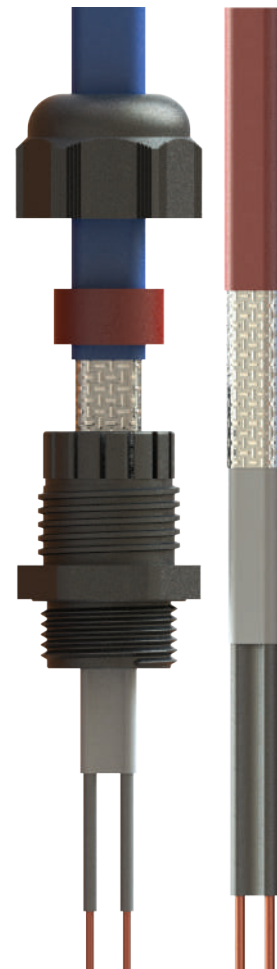


Polyamide Cable Glands for Ex e Applications and Heat Trace Cables

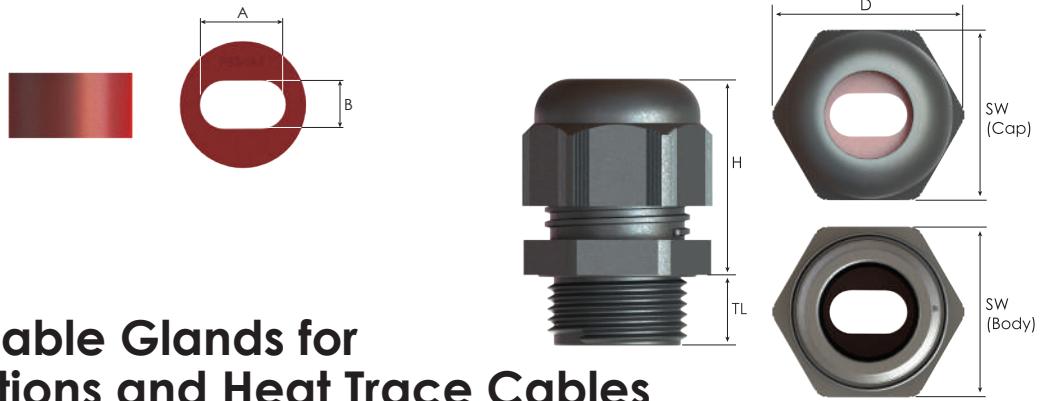
4joule

GEMINI

Technical Details		
Material	Body, Cap	PA 6 (Polyamide 6)
	Seal	CR (Chloroprene), Silicone
Ingress Protection Rating	IP 68 - 5 Bar, 30 min IP 66	
Operating Temperature	Seal Material	
	CR (Chloroprene)	Silicone
	Ex e/tb / Ex tb	-40°C to +80°C
Ex-i	-40°C to +70°C	-60°C to +70°C
Equipment For	<ul style="list-style-type: none"> Gas & Dust potentially explosive atmospheres. Cable glands should be also used for intrinsically safe circuits Ex-i. These cable glands shall have a light blue colored cap. The symbol "I" will be added beside of the "BM" for order processing. 	
Suitable for use in	Group II	Gas Group IIC ZONE1/ZONE2
	Group III	Dust Group IIIC ZONE21/ZONE 22
Equipment Marking	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db	
Marking Example *	BMD BM-X2L.. CE 0722  II 2GD Ex eb IIC Gb Ex tb IIIC Db IP66/68 Ta-40°C to +80°C IMQ 13 ATEX 011X IECEx IMQ 13.0004X	
Impact Test Result	4J	
Thread Type	<ul style="list-style-type: none"> Metric (M) ISO Pitch 1,5 Other thread types also available upon request. 	
Cable Type	Non Armoured, Non Circular, Heat Trace	
Accessories	<ul style="list-style-type: none"> Lock nuts Gaskets (Washers) Dust plugs 	
Remarks	<ul style="list-style-type: none"> We recommend the use of locknuts and gaskets to ensure IP rating for rough surfaces or through holes. Accessories must be ordered separately. 	
Approvals	Certificate Number	Standards
	IMQ 13 ATEX 011X	EN 60079-0:2009 EN 60079-7:2007 EN 60079-31:2009
	IECEx IMQ 13.0004X	IEC 60079-0:2007 Edition:5 IEC 60079-31:2008 Edition:1 IEC 60079-7:2006 Edition: 4
		ISO 4892-2
	№ TC RU C-TR.AA87.B.00941	ГОСТ 31610.0-2014 ГОСТ IEC 60079-1:2013 ГОСТ IEC 60079-31:2013
	DNV 12.0051 X	ABNT NBR IEC 60079-0:2013, ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011
	E-14045	IEC/EN60079-0, IEC/EN60079-7, IEC/EN60079-31 IEC/EN 62444
-For more information see our webpage.		
* The standard marking consists ATEX & IECEx only. Marking acc. to other standards on request.		



Order Coding			
Part Number	Seal	Gasket (Washer)	Lock Nut
Mandatory	Mandatory	- Option	Option
See table	C Chloroprene S Silicone	- WC Chloroprene WF Fiber WS Silicone	L Lock nut
*Part number for blue cap is BMI-..			
Example			
BM-X2L (10,8x6,0)	C	- WC	L
* BMI-X2L (10,8x6,0)			



GEMINI

Polyamide Cable Glands for Ex e Applications and Heat Trace Cables

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

Outer Thread Size (Male)	Flat Hole		Outer Thread Length	Spanner Width		Outer Ø	max. Height	Part Number
	Height	Width		Cap	Body			
	B	A	TL	SW Cap	SW Body	D	H	
	mm	mm	mm	mm	mm	mm	mm	
M20x1,5	4,0	10,0	10,0	24	24	27,0	32,4	BM-X2 (10,0x4,0)
	4,0	10,0	15,0	24	24	27,0	32,4	BM-X2L (10,0x4,0)
	5,0	12,8	10,0	27	27	30,9	31,9	BM-X3 (12,8x5,0)
	5,0	12,8	15,0	27	27	30,9	31,9	BM-X4 (12,8x5,0)
	6,0	10,8	10,0	24	24	27,0	32,4	BM-X2 (10,8x6,0)
	6,0	10,8	10,0	27	27	30,9	31,9	BM-X3 (10,8x6,0)
	6,0	10,8	15,0	24	24	27,0	32,4	BM-X2L (10,8x6,0)
	6,0	10,8	15,0	27	27	30,9	31,9	BM-X4 (10,8x6,0)
	6,5	11,0	15,0	24	24	27,0	32,4	BM-X2L (11,0x6,5)
	6,5	11,0	10,0	24	24	27,0	32,4	BM-X2 (11,0x6,5)
	6,5	12,4	10,0	27	27	30,9	31,9	BM-X3 (12,4x6,5)
	6,5	12,4	15,0	27	27	30,9	31,9	BM-X4 (12,4x6,5)
M25x1,5	4,0	10,0	10,0	24	27	30,9	32,4	BM-XSX5 (10,0x4,0)
	4,0	10,0	15,0	24	27	30,9	32,4	BM-XSX6 (10,0x4,0)
	5,0	12,8	10,0	27	27	30,9	31,9	BM-SX5 (12,8x5,0)
	5,0	12,8	15,0	27	27	30,9	31,9	BM-SX6 (12,8x5,0)
	5,0	15,0	10,0	33	33	37,2	38,4	BM-X5 (15,0x5,0)
	5,0	15,0	15,0	33	33	37,2	38,4	BM-X6 (15,0x5,0)
	6,0	10,8	10,0	24	27	30,9	32,4	BM-XSX5 (10,8x6,0)
	6,0	10,8	10,0	27	27	30,9	31,9	BM-SX5 (10,8x6,0)
	6,0	10,8	15,0	24	27	30,9	32,4	BM-XSX6 (10,8x6,0)
	6,0	10,8	15,0	27	27	30,9	31,9	BM-SX6 (10,8x6,0)
	6,0	12,0	15,0	33	33	37,2	38,4	BM-X6 (12,0x6,0)
	6,0	12,0	10,0	33	33	37,2	38,4	BM-X5 (12,0x6,0)
	6,5	11,0	10,0	24	27	30,9	32,4	BM-XSX5 (11,0x6,5)
	6,5	11,0	15,0	24	27	30,9	32,4	BM-XSX6 (11,0x6,5)
	6,5	12,4	10,0	27	27	30,9	31,9	BM-SX5 (12,4x6,5)
	6,5	12,4	15,0	27	27	30,9	31,9	BM-SX6 (12,4x6,5)
M32x1,5	5,0	15,0	10,0	33	36	41,0	38,4	BM-SX7 (15,0x5,0)
	6,0	12,0	10,0	33	36	41,0	38,4	BM-SX7 (12,0x6,0)