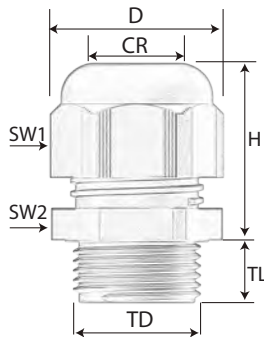
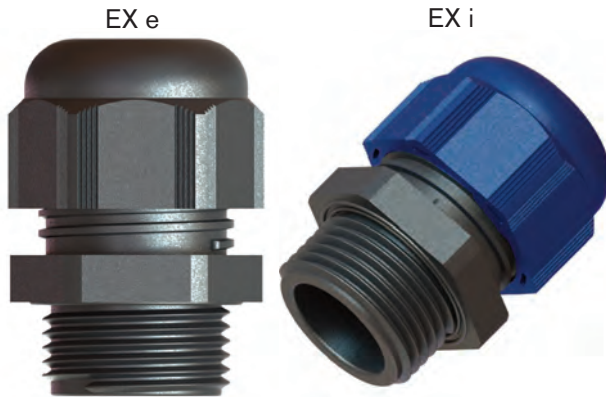


Explosion Proof Glands

EX 100 Metric & NPT

Polyamide 6 EX e and EX i dome cap glands

Metric & NPT
Thread



Technical data:

Material:	Polyamide 6		
Seal:	Chloroprene (CR)		
Color:	Black (RAL 9005)		
Protection type:	IP 68 5 bar (30 min)		
Temperature range:	-40°C to +80°C		
Ex e/tb / Ex tb:	-40°C to +80°C		
Ex i ¹ :	-40°C to +70°C		
Suitable for use in:	Group II Group III	Gas Group IIC Dust Group IIIC	ZONE 1/ZONE 2 ZONE 21/ZONE22
Equipment marking:	Ex II 2GD Ex eb IIC Gb Ex tb IIIC Db		
Marking example	BMD BM-X... CE 0722 Ex 2GD Ex eb IIC Gb Ex tb IIIC Db IP66/68 Ta-40°C +80°C IMQ 13 ATEX 010X IECEx IMQ 13.0003X		
Impact test result:	4J		

Approval	Certificate Number	Standards
ATEX	IMQ 13 ATEX 010X	EN 60079-0:2012+A11:2013; EN 60079-1:2014; EN 60079-7:2015; EN 60079-31:2014
IECEx	IECEx IMQ 13.0003X	IEC 60079-0:2011; IEC 60079-7:2016-07; IEC 60079-31:2013
TR RU	No TC RU C-TR. AA87.B.00941	ГОСТ 31610.0-2014; ГОСТ IEC 60079-1:2013; ГОСТ IEC 60079-31:2013
IN METRO	DNV 18.0150 X	ABNT NBR IEC 60079-0:2013; ABNT NBR IEC 60079-7:2008; ABNT NBR IEC 60079-31:2011
MARINE	TAE00003WV	IEC/EN60079-0; IEC/EN60079-7; IEC/EN60079-31; IEC/EN 62444

Part Number	Thread Type	Clamping Range Ø min-max		Outer Diameter (D)	Wrenching Flats		Thread Diameter		Thread Length		Max. Height	
		(CR)			Cap (SW1)	Body (SW2)	(TD)		(TL)		(H)	
		inches	mm		inches	inches	inches	mm	inches	mm	inches	mm
Metric												
EXMP-20R	M20x1.5	0.197 - 0.394	5.0 - 10.0	1.063	0.866	0.945	0.787	20	0.394	10	1.268	32.2
EXMP-20	M20x1.5	0.236 - 0.472	6.0 - 12.0	1.063	0.945	0.945	0.787	20	0.394	10	1.276	32.4
EXMP-20L	M20x1.5	0.236 - 0.472	6.0 - 12.0	1.063	0.945	0.945	0.787	20	0.591	15	1.276	32.4
EXMP-20C	M20x1.5	0.394 - 0.551	10.0 - 14.0	1.217	1.063	1.063	0.787	20	0.394	10	1.256	31.9
EXMP-20CL	M20x1.5	0.394 - 0.551	10.0 - 14.0	1.217	1.063	1.063	0.787	20	0.591	15	1.256	31.9
EXMP-25R	M25x1.5	0.394 - 0.551	10.0 - 14.0	1.217	1.063	1.063	0.984	25	0.394	10	1.256	31.9
EXMP-25RL	M25x1.5	0.394 - 0.551	10.0 - 14.0	1.217	1.063	1.063	0.984	25	0.591	15	1.256	31.9
EXMP-25	M25x1.5	0.433 - 0.669	11.0 - 17.0	1.280	1.142	1.142	0.984	25	0.394	10	1.484	37.7
EXMP-25CL	M25x1.5	0.512 - 0.709	13.0 - 18.0	1.465	1.299	1.299	0.984	25	0.591	15	1.512	38.4
EXMP-25C	M25x1.5	0.512 - 0.709	13.0 - 18.0	1.465	1.299	1.299	0.984	25	0.394	10	1.512	38.4
EXMP-32R	M32x1.5	0.512 - 0.709	13.0 - 18.0	1.614	1.299	1.417	1.260	32	0.394	10	1.512	38.4
EXMP-32	M32x1.5	0.591 - 0.827	15.0 - 21.0	1.614	1.417	1.417	1.260	32	0.394	10	1.665	42.3
EXMP-32C	M32x1.5	0.709 - 0.984	18.0 - 25.0	1.854	1.654	1.654	1.260	32	0.591	15	1.705	43.3
EXMP-40	M40x1.5	0.748 - 1.102	19.0 - 28.0	2.063	1.811	1.811	1.575	40	0.394	10	1.866	47.4
EXMP-40C	M40x1.5	0.866 - 1.260	22.0 - 32.0	2.346	2.087	2.087	1.575	40	0.709	18	2.063	52.4
EXMP-50	M50x1.5	1.181 - 1.496	30.0 - 38.0	2.669	2.362	2.362	1.969	50	0.709	18	2.157	54.8
EXMP-63	M63x1.5	1.339 - 1.732	34.0 - 44.0	2.850	2.559	2.559	2.480	63	0.709	18	2.161	54.9
NPT												
EXNP-1/2R	NPT 1/2	0.197 - 0.394	5.0 - 10.0	1.063	0.866	0.945	0.840	21	0.591	15	1.268	32.2
EXNP-1/2	NPT 1/2	0.236 - 0.472	6.0 - 12.0	1.063	0.945	0.945	0.840	21	0.591	15	1.276	32.4
EXNP-1/2C	NPT 1/2	0.394 - 0.551	10.0 - 14.0	1.217	1.063	1.063	0.840	21	0.591	15	1.256	31.9
EXNP-3/4	NPT 3/4	0.512 - 0.709	13.0 - 18.0	1.465	1.299	1.299	1.050	27	0.591	15	1.512	38.4
EXNP-1	NPT 1	0.709 - 0.984	18.0 - 25.0	1.854	1.654	1.654	1.315	33	0.709	18	1.705	43.3

¹ for Ex i, replace the P with an I, ex. EXMP-20R> EXMI-20R