



PX2KX/M

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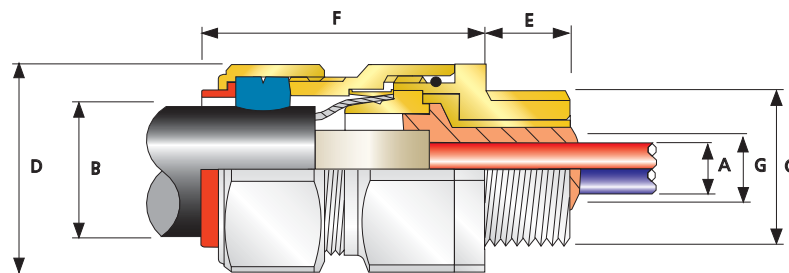
PX2KX/M Mining, Internationally Approved, Explosive Atmosphere Barrier Cable Gland

For Pliable Wire Armoured cables

- Metal-to-metal armour clamping
- Direct & remote installation
- Compound barrier type flameproof seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60°C to +85°C
- Permitted in Zone 1
- Internationally marked, IECEx & ATEX
- EMC tested



Also available with RapidEx



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Retention = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Electrical Classifications*	Category B (Category A when used with braid, tape or pliable wire armour cables)
ATEX Certificate	SIRA13ATEX1072X
Code of Protection	IM2 Ex d I Mb, Ex e I Mb
Compliance Standards	EN 60079-0,1,7
IECEx Certificate	IECEx SIR 13.0027X
Code of Protection	Ex d I Mb, Ex e I Mb
Compliance Standards	IEC 60079-0,1,7
Ingress Protection Rating	IP66, IP67 & IP68**
Deluge Protection Compliance	DTS01 : 91
Standard Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
Cable Type	Pliable Wire Armour (PWA)
Armour Clamping	Detachable Compound Tube / Cone & AnyWay Universal Clamping Ring
Sealing Area(s)	Inner Compound Barrier & Cable Outer Sheath

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

** Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings

Cable Gland Selection Table

Refer to illustration at the top of the page.

Dimensions listed below are for metric cable glands only

Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Available Entry Threads "C" (Alternate Metric Thread Lengths Available)					Maximum Number Of Cores	Maximum Diameter Over Conductors "A"	Cable Bedding Diameter "G"	Overall Cable Diameter "B"		Pliable Armour Wire		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Standard				Option											Size	Type	Ordering Suffix		
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"					NPT											
20S	M20	15.0	1/2"	19.9	3/4"	11	11.7	11.7	9.5	15.9	0.0	7/0.45	30.5	33.6	62.0	20S	PX2KX	1RA/M	PVC06	0.230
20	M20	15.0	1/2"	19.9	3/4"	11	12.6	12.9	12.5	20.9	0.0	7/0.45	30.5	33.6	63.0	20	PX2KX	1RA/M	PVC06	0.240
25S	M25	15.0	3/4"	20.2	1"	21	17.5	17.9	14.0	22.0	0.0	7/0.45	37.5	41.3	69.5	25S	PX2KX	1RA/M	PVC09	0.370
25	M25	15.0	3/4"	20.2	1"	21	17.5	17.9	18.2	26.2	0.0	7/0.45	37.5	41.3	69.5	25	PX2KX	1RA/M	PVC09	0.370
32	M32	15.0	1"	25.0	1 1/4"	38	23.6	23.9	23.7	33.9	0.0	7/0.45	46.0	50.6	75.0	32	PX2KX	1RA/M	PVC11	0.570
40	M40	15.0	1 1/4"	25.6	1 1/2"	59	30.0	30.3	27.9	40.4	0.0	7/0.71	55.0	60.5	75.0	40	PX2KX	1RA/M	PVC15	0.800
50S	M50	15.0	1 1/2"	26.1	2"	89	36.6	36.9	35.2	46.7	0.0	7/0.71	60.0	66.0	77.0	50S	PX2KX	1RA/M	PVC18	0.900
50	M50	15.0	2"	26.9	2 1/2"	89	41.0	41.3	40.4	53.0	0.0	7/0.71	70.1	77.1	77.0	50	PX2KX	1RA/M	PVC21	1.190
63S	M63	15.0	2"	26.9	2 1/2"	115	47.9	48.4	45.6	59.4	0.0	7/0.71	75.0	82.5	79.7	63S	PX2KX	1RA/M	PVC23	1.390
63	M63	15.0	2 1/2"	39.9	3"	115	53.7	54.0	54.6	65.8	0.0	7/0.71	80.0	88.0	80.3	63	PX2KX	1RA/M	PVC25	1.410
75S	M75	15.0	2 1/2"	39.9	3"	140	59.9	60.2	59.0	72.0	0.0	7/0.71	90.0	99.0	86.8	75S	PX2KX	1RA/M	PVC28	2.090
75	M75	15.0	3"	41.5	3 1/2"	140	64.2	64.2	66.7	78.4	0.0	7/0.71	100.0	110.0	88.3	75	PX2KX	1RA/M	PVC30	2.540

*Note :For material options please add the following suffix to change the Ordering Reference ; Brass (no suffix required), Nickel Plated Brass "5", 316 Grade Stainless Steel "4", Copper Free Aluminium "1"
For NPT options please add the following digits to the material suffix ; 1/2" = 31, 3/4" = 32, 1" = 33, 1 1/4" = 34, 1 1/2" = 35, 2" = 36, 2 1/2" = 37, 3" = 38 (Brass requires prefix "0")

Examples: 32PX2KXM1RA534 = Nickel Plated Brass 1-1/4" NPT, 50SPX2KXM1RA035 = Brass 1-1/2" NPT, 25PX2KXM1RA432 = Stainless Steel 3/4" NPT, 20PX2KXM1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated