



PX2KW/M

Ex e Ex d

PX2KW/M Mining, Internationally Approved, Explosive Atmosphere Barrier Cable Gland

For all types Steel & Aluminium 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
ATEX Certificate	SIRA13ATEX1072X
Code of Protection	IM2 Ex d I, Ex e I
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
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
Sealing Area(s)	Inner Compound Barrier & 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	Diameter Over Conductors "A"	Cable Bedding Diameter "G"	Overall Cable Diameter "B"		Armour Range		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"	Option				Min	Max	Min	Max	Max	Max		Size	Type	Ordering Suffix		
20S	M20	15.0	1/2"	19.9	3/4"	11	11.7	11.7	9.5	15.9	0.8	1.25	30.5	33.6	62.0	20S	PX2KW/M	1RA	PVC06	0.230
20	M20	15.0	1/2"	19.9	3/4"	11	12.6	12.9	12.5	20.9	0.8	1.25	30.5	33.6	63.0	20	PX2KW/M	1RA	PVC06	0.240
25S	M25	15.0	3/4"	20.2	1"	21	17.5	17.9	14.0	22.0	1.25	1.6	37.5	41.3	69.5	25S	PX2KW/M	1RA	PVC09	0.370
25	M25	15.0	3/4"	20.2	1"	21	17.5	17.9	18.2	26.2	1.25	1.6	37.5	41.3	69.5	25	PX2KW/M	1RA	PVC09	0.370
32	M32	15.0	1"	25.0	1 1/4"	38	23.6	23.9	23.7	33.9	1.6	2.0	46.0	50.6	75.0	32	PX2KW/M	1RA	PVC11	0.570
40	M40	15.0	1 1/4"	25.6	1 1/2"	59	30.0	30.3	27.9	40.4	1.6	2.0	55.0	60.5	75.0	40	PX2KW/M	1RA	PVC15	0.800
50S	M50	15.0	1 1/2"	26.1	2"	89	36.6	36.9	35.2	46.7	2.0	2.5	60.0	66.0	77.0	50S	PX2KW/M	1RA	PVC18	0.900
50	M50	15.0	2"	26.9	2 1/2"	89	41.0	41.3	40.4	53.0	2.0	2.5	70.1	77.1	77.0	50	PX2KW/M	1RA	PVC21	1.190
63S	M63	15.0	2"	26.9	2 1/2"	115	47.9	48.4	45.6	59.4	2.0	2.5	75.0	82.5	79.7	63S	PX2KW/M	1RA	PVC23	1.390
63	M63	15.0	2 1/2"	39.9	3"	115	53.7	54.0	54.6	65.8	2.0	2.5	80.0	88.0	80.3	63	PX2KW/M	1RA	PVC25	1.410
75S	M75	15.0	2 1/2"	39.9	3"	140	59.9	60.2	59.0	72.0	2.0	2.5	90.0	99.0	86.8	75S	PX2KW/M	1RA	PVC28	2.090
75	M75	15.0	3"	41.5	3 1/2"	140	64.2	64.2	66.7	78.4	2.5	3.0	100.0	110.0	88.3	75	PX2KW/M	1RA	PVC30	2.540

*For material options add the following suffix to 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: 32PX2KWM1RA534 = Nickel Plated Brass 1-1/4" NPT, 50SPX2KWM1RA035 = Brass 1-1/2" NPT, 25PX2KWM1RA432 = Stainless Steel 3/4" NPT, 20PX2KWM1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

