


PX2KW/MF
Ex e Ex d

PX2KW/MF Mining, Internationally Approved, Flanged Explosive Atmosphere Barrier Cable Gland

For all types Steel & Aluminium Wire Armoured cables

- Complete with flanged adaptor
- 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



See MA/FT, MA/B page for flange mounting dimensions

Alternative flange sizes available upon request

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, SIRA09ATEX1034U
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, IECEx SIR 09.0024U
Code of Protection	Ex d I Mb, Ex e I Mb
Compliance Standards	IEC 60079-0,1,7
Ingress Protection Rating	IP66**
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.

Cable Gland Size	Minimum Spigot Length "E"	Spigot Diameter "C"	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")			Cable Gland Weight (Kgs)
						Min	Max	Min	Max	Max	Max		Size	Type	Ordering Suffix	
20S	15.0	19.0	11	11.7	11.7	9.5	15.9	0.8	1.25	30.5	33.6	79.1	20S	PX2KW	1RA/MF	0.390
20	15.0	19.0	11	12.6	12.9	12.5	20.9	0.8	1.25	30.5	33.6	80.1	20	PX2KW	1RA/MF	0.400
25S	15.0	25.4	21	17.5	17.9	14.0	22.0	1.25	1.6	37.5	41.3	90.1	25S	PX2KW	1RA/MF	0.620
25	15.0	25.4	21	17.5	17.9	18.2	26.2	1.25	1.6	37.5	41.3	90.1	25	PX2KW	1RA/MF	0.620
32	15.0	31.8	38	23.6	23.9	23.7	33.9	1.6	2.0	46.0	50.6	96.2	32	PX2KW	1RA/MF	0.890
40	15.0	38.1	59	30.0	30.3	27.9	40.4	1.6	2.0	55.0	60.5	102.7	40	PX2KW	1RA/MF	1.190
50S	15.0	50.8	89	36.6	36.9	35.2	46.7	2.0	2.5	60.0	66.0	106.7	50S	PX2KW	1RA/MF	1.640
50	15.0	50.8	89	41.0	41.3	40.4	53.0	2.0	2.5	70.1	77.1	106.7	50	PX2KW	1RA/MF	1.930
63S	15.0	63.5	115	47.9	48.4	45.6	59.4	2.0	2.5	75.0	82.5	101.2	63S	PX2KW	1RA/MF	2.160
63	15.0	63.5	115	53.7	54.0	54.6	65.8	2.0	2.5	80.0	88.0	99.3	63	PX2KW	1RA/MF	2.220
75S	15.0	76.2	140	59.9	60.2	59.0	72.0	2.0	2.5	90.0	99.0	114.3	75S	PX2KW	1RA/MF	3.650
75	15.0	76.2	140	64.2	64.2	66.7	78.4	2.5	3.0	99.0	100.0	115.8	75	PX2KW	1RA/MF	4.100

*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'

Examples: 32PX2KWMF1RA = Brass, 50SPX2KWMF1RA5 = Nickel Plated Brass, 25PX2KWMF1RA4 = Stainless Steel

Dimensions are displayed in millimetres unless otherwise stated



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