



PXSS2K/M

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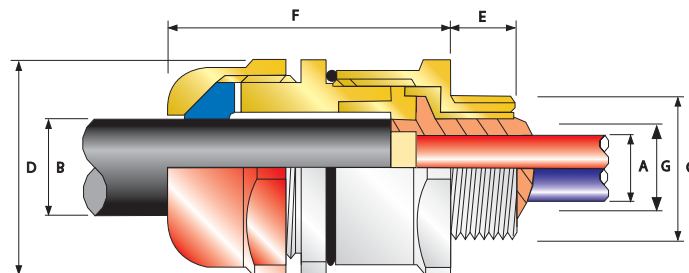
PXSS2K/M Mining, Internationally Approved, Explosive Atmosphere Barrier Cable Gland

For all types of Unarmoured Cables

- Displacement type environmental seal
- Compound barrier type flameproof seal
- Designed to prevent Coldflow
- -60°C to +85°C
- Permitted in Zone 1
- Internationally marked, IECEx & ATEX



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
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	DT501:91
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer / Epoxy Barrier Compound
Cable Type	Unarmoured
Sealing Technique	CMP Unique Displacement Seal Concept
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 Thread Length "E"	Entry Thread "C"	Maximum Diameter Over Conductors "A"	Maximum Number Of Cores	Cable Bedding Diameter "G"	Overall Cable Diameter "B"		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
			Diameter	Cores		Min	Max				Size	Type	Ordering Suffix		
20S	15.0	M20	12.6	11	11.7	6.1	11.7	30.0	33.0	53.1	20S	PXSS2K	1RA/M	PVC06	0.200
20	15.0	M20	12.6	11	12.9	6.5	14.0	30.0	33.0	54.2	20	PXSS2K	1RA/M	PVC06	0.200
25	15.0	M25	17.5	21	17.9	11.1	20.0	36.0	39.6	60.0	25	PXSS2K	1RA/M	PVC09	0.330
32	15.0	M32	23.6	38	23.9	17.0	26.3	41.0	45.1	61.1	32	PXSS2K	1RA/M	PVC10	0.590
40	15.0	M40	30.0	59	30.3	22.0	32.1	50.0	55.0	62.4	40	PXSS2K	1RA/M	PVC13	0.560
50S	15.0	M50	36.6	89	36.9	29.5	38.2	55.0	60.5	65.2	50S	PXSS2K	1RA/M	PVC15	0.660
50	15.0	M50	41.0	89	41.3	35.6	44.0	60.0	66.0	67.6	50	PXSS2K	1RA/M	PVC18	0.730
63S	15.0	M63	47.9	115	48.4	40.1	49.9	70.0	77.0	71.1	63S	PXSS2K	1RA/M	PVC21	1.070
63	15.0	M63	53.7	115	54.0	47.2	55.9	75.0	82.5	70.4	63	PXSS2K	1RA/M	PVC23	1.060
75S	15.0	M75	59.8	140	60.2	52.8	61.9	80.0	88.0	75.3	75S	PXSS2K	1RA/M	PVC25	1.300
75	15.0	M75	64.3	140	64.2	59.1	67.9	85.0	93.5	74.9	75	PXSS2K	1RA/M	PVC27	1.300

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass 'S'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'

Examples: 32PXSS2KM1RA = Brass, 50SPXSS2KM1RA5 = Nickel Plated Brass, 25PXSS2KM1RA4 = Stainless Steel

Dimensions are displayed in millimetres unless otherwise stated

