

Type PX2KW/M

SPECIFICATION

- ▼ Ex d and Ex e for Group 1 Mining applications.
- ▼ Group II options also available.
- ▼ For use with single wired armour (SWA) cable
- ▼ CMP Type PX2KW/M Cable gland
- ▼ Designed to BS 6121: Part 1:1989, EN50262:1999

CERTIFICATION & APPROVAL

EN 60079-0:2006, EN 60079-1:2007
EN 60079-7:2007, IEC 61241-0:2004,
and
EN 61241-1:2004

ATEX Certified Ex I M2 Ex d I, Ex e I.

Component certificate No.
Sira06ATEX1097X

Additional certification to IECEx and GOST
also available.

Ingress Protection
IP66, IP67 & IP 68

Contact sales for further information

FEATURES

- ▼ Provides a flameproof seal with a compound barrier seal around conductors and an environmental seal on the cable outer sheath
- ▼ Provide mechanical cable retention and electrical continuity via armour wire termination
- ▼ Detachable armour cone and universal clamping arrangement enables simple connection and disconnection.
- ▼ Operating temperature range from -60°C to $+100^{\circ}\text{C}$

OPTIONS

- ▼ Brass, Nickel Plated Brass & Stainless Steel options available.
- ▼ Accessories include lock nut, adaptors, reducers, earth tags, shrouds, entry thread seal and serrated washers



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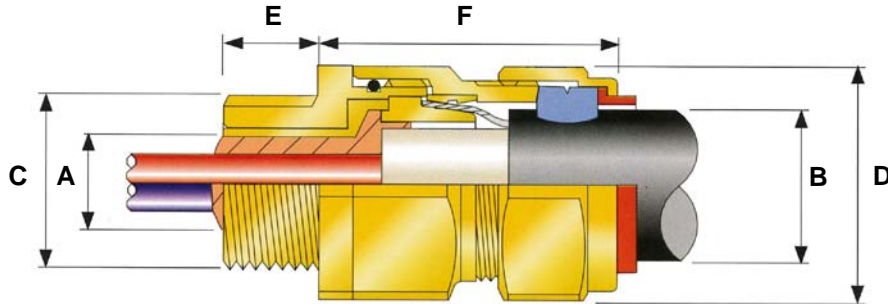
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APPLICATION

The cable gland can be used with all forms of equipment protection in Zone 1 provided always that the prevailing code of practice for selection, installation and maintenance is observed.

DIMENSIONS



Cable Gland Size	Available Entry Threads 'C'			Min. Thread Length 'E'	Max. Dia. Over Conductors & Max. No. Cores 'A'		Overall Cable Diameter 'B'		Standard Armour Range		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	PVC Shroud Ref.	Cable Gland Weight (kg)
	Standard		Option		Dia.	Cores	Min	Max	Min	Max	Max	Max			
	Metric	NPT	NPT												
20S	M20	1/2"	3/4"	15.0	12.6	11	9.5	15.9	0.80	1.25	30.5	33.6	58.5	PVC04	0.163
20	M20	1/2"	3/4"	15.0	12.6	11	12.5	20.9	0.80	1.25	30.5	33.6	60.5	PVC06	0.217
25S	M25	3/4"	1"	15.0	17.5	38	14.0	22.0	1.25	1.60	37.5	41.3	67.5	PVC09	0.345
25	M25	3/4"	1"	15.0	17.5	38	18.2	26.2	1.25	1.60	37.5	41.3	67.5	PVC09	0.345
32	M32	1"	1-1/4"	15.0	23.6	59	23.7	33.9	1.60	2.00	46.0	50.6	69.5	PVC11	0.484
40	M40	1-1/4"	1-1/2"	15.0	30.0	89	27.9	40.4	1.60	2.00	55.0	60.5	78.0	PVC15	0.700
50S	M50	1-1/2"	2"	15.0	36.6	115	35.2	46.7	2.00	2.50	60.0	66.0	75.5	PVC18	0.800
50	M50	2"	2-1/2"	15.0	41.0	115	40.4	53.1	2.00	2.50	70.0	77.0	80.5	PVC21	0.830
63S	M63	2"	2-1/2"	15.0	47.9	140	45.6	59.4	2.00	2.50	75.0	82.5	91.5	PVC23	1.415
63	M63	2-1/2"	3"	15.0	53.7	140	54.6	65.9	2.00	2.50	80.0	88.0	92.0	PVC25	1.514
75S	M75	2-1/2"	3"	15.0	59.8	140	59.0	72.1	2.00	2.50	89.0	97.6	99.0	PVC28	2.199
75	M75	3"	3-1/2"	15.0	64.3	140	66.7	78.5	2.50	3.00	99.0	108.9	102.0	PVC30	2.770

All dimensions in millimetres

TYPICAL ORDERING REFERENCE

ORDER REFERENCE	DESCRIPTION
MGPX2KW1RA/M20	M20 Threaded Barrier Gland - Brass
MGPX2KW1RA/M25	M25 Threaded Barrier Gland - Brass
MGPX2KW1RA/M32	M32 Threaded Barrier Gland - Brass
MGPX2KW1RA/M40	M40 Threaded Barrier Gland - Brass
MGPX2KW1RA/M63S	M63 S Threaded Barrier Gland - Brass
MGPX2KW1RA/M75S	M75 S Threaded Barrier Gland - Brass

Contact Sales for all other options / sizes.



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