

Type E1FX/MF

SPECIFICATION

- ▼ Ex d for Group 1 Mining applications.
- ▼ Group II options also available.
- ▼ For use with pliable wire armoured (PWA) cable and SWA Armoured cables*
- ▼ CMP Type E1FX/MF Cable gland
- ▼ Designed to BS 6121: Part 1:1989, EN50262:1999 & IEC 62444:2010

* Armour sleeve needs to be reversed for SWA cable

CERTIFICATION & APPROVAL

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

ATEX Certified  I M2 Ex d I.

Component certificate No.
Sira09ATEX1034U + Sira06ATEX1097X

Additional certification to IECEx and GOST
also available.

Ingress Protection
IP66

Contact sales for further information

FEATURES

- ▼ Provides a flameproof seal on inner cable sheath and 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 + 130 °C

OPTIONS

- ▼ Brass, Nickel Plated Brass & Stainless Steel options available



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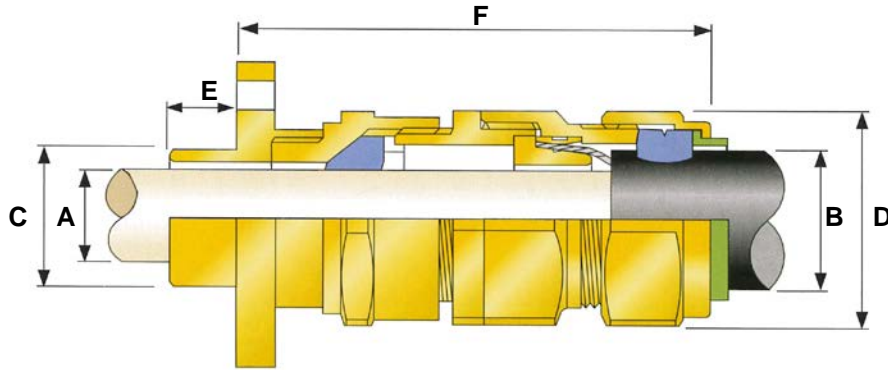
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APPLICATION

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



Contact Sales for all other options / sizes.
Refer to Data Sheet 'Cable Gland Adaptor Accessories' for flange dimensions

Cable Gland Size	Spigot Diam. 'C'	Min. Thread Length 'E'	Cable Bedding Diameter 'A'		Overall Cable Diameter 'B'		Pliable Armoured Wire		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	PVC Shroud Ref.	Cable Gland Weight (kg)
			Min	Max	Min	Max	Min	Max	Max	Max			
20S	20.0	14.7	6.1	11.6	9.5	15.9	0.0	7/0.45	24.0	26.4	71.8	PVC04	0.360
20	20.0	14.7	6.5	13.9	12.5	20.9	0.0	7/0.45	30.5	33.6	75.9	PVC06	0.420
25S	25.0	14.7	11.1	19.9	14.0	22.0	0.0	7/0.45	37.5	41.3	81.2	PVC09	0.570
25	25.0	14.7	11.1	19.9	18.2	26.2	0.0	7/0.45	37.5	41.3	86.2	PVC09	0.570
32	32.0	14.7	17.0	26.2	23.7	33.9	0.0	7/0.45	46.0	50.6	86.4	PVC11	0.790
40	40.0	14.7	22.0	32.1	27.9	40.4	0.0	7/0.71	55.0	60.5	89.4	PVC15	1.150
50S	50.0	14.7	29.5	38.1	35.2	46.7	0.0	7/0.71	60.0	66.0	85.9	PVC18	1.370
50	50.0	14.7	35.6	44.0	40.4	53.1	0.0	7/0.71	70.0	77.0	90.5	PVC21	1.400
63S	63.0	14.7	40.1	49.9	45.6	59.4	0.0	7/0.71	75.0	82.5	94.5	PVC23	1.830
63	63.0	14.7	47.2	55.9	54.6	65.9	0.0	7/0.71	80.0	88.0	106.5	PVC25	2.200
75S	75.0	14.7	52.8	61.9	59.0	72.1	0.0	7/0.71	89.0	97.9	109.0	PVC28	2.980
75	75.0	14.7	59.1	67.9	66.7	78.5	0.0	7/0.71	99.0	108.9	112.0	PVC30	3.520

All dimensions in millimetres

TYPICAL ORDERING REFERENCE

ORDER REFERENCE	DESCRIPTION
MGE1FX/MF201RA/M	M20 Flanged Cable Gland - Brass
MGE1FX/MF251RA/M	M25 Flanged Cable Gland - Brass
MGE1FX/MF25S1RA/M	M25S Flanged Cable Gland - Brass



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