




Type E1FX/M

## SPECIFICATION

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

## 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  I M2 Ex d I, Ex e I.

Component certificate No.  
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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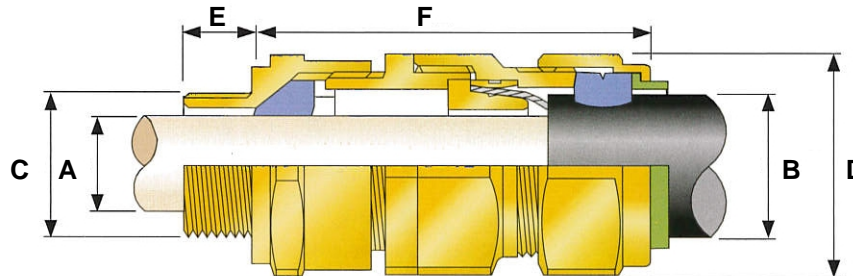
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## APPLICATION

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



Cable Gland Size	Available Entry Threads 'C' Cable			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)
	Standard		Option		Min	Max	Min	Max	Min	Max					
	Metric	NPT	NPT												
20S	M20	1/2"	3/4"	15.0	6.1	11.6	9.5	15.9	0.0	7/0.45	24.0	26.4	58.5	PVC04	0.158
20	M20	1/2"	3/4"	15.0	6.5	13.9	12.5	20.9	0.0	7/0.45	30.5	33.6	60.5	PVC06	0.208
25S	M25	3/4"	1"	15.0	11.1	19.9	14.0	22.0	0.0	7/0.45	37.5	41.3	67.5	PVC09	0.330
25	M25	3/4"	1"	15.0	11.1	19.9	18.2	26.2	0.0	7/0.45	37.5	41.3	67.5	PVC09	0.330
32	M32	1"	1-1/4"	15.0	17.0	26.2	23.7	33.9	0.0	7/0.45	46.0	50.6	69.5	PVC11	0.463
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.1	27.9	40.4	0.0	7/0.71	55.0	60.5	78.0	PVC15	0.671
50S	M50	1-1/2"	2"	15.0	29.5	38.1	35.2	46.7	0.0	7/0.71	60.0	66.0	75.5	PVC18	0.760
50	M50	2"	2-1/2"	15.0	35.6	44.0	40.4	53.1	0.0	7/0.71	70.0	77.0	80.5	PVC21	0.777
63S	M63	2"	2-1/2"	15.0	40.1	49.9	45.6	59.4	0.0	7/0.71	75.0	82.5	91.5	PVC23	1.369
63	M63	2-1/2"	3"	15.0	47.2	55.9	54.6	65.9	0.0	7/0.71	80.0	88.0	92.0	PVC25	1.472
75S	M75	2-1/2"	3"	15.0	52.8	61.9	59.0	72.1	0.0	7/0.71	89.0	97.9	99.0	PVC28	2.119
75	M75	3"	3-1/2"	15.0	59.1	67.9	66.7	78.5	0.0	7/0.71	99.0	108.9	102.0	PVC30	2.688

All dimensions in millimetres

## TYPICAL ORDERING REFERENCE

### ORDER REFERENCE      DESCRIPTION

MGE1FX1RA/M20      M20 Threaded Cable Gland - Brass

MGE1FX251RA/M      M25 Threaded Cable Gland - Brass

Contact Sales for all other options / sizes.



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