



Type E1FW/M

SPECIFICATION


- ▼ Ex d and Ex e for Group 1 Mining applications.
- ▼ Group II options also available.
- ▼ For use with single wire armoured (SWA) cable
- ▼ CMP Type E1FW/M Cable gland
- ▼ Designed to BS 6121: Part 1:1989, EN50262:1999

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

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 & GOST
also available.

Ingress Protection
IP66

Contact sales for further information

OPTIONS

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



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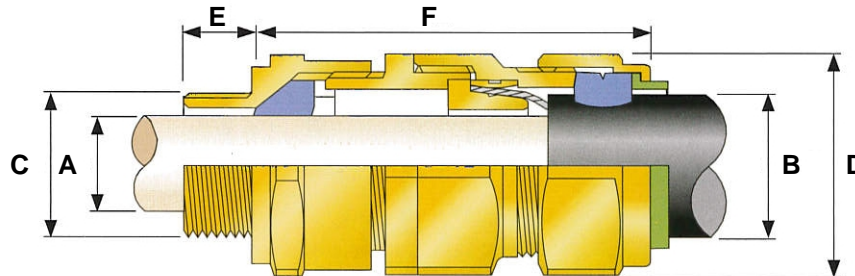
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APPLICATION

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'		Standard Armour Range		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	0.80	1.25	24.0	26.4	58.5	PVC04	0.157
20	M20	1/2"	3/4"	15.0	6.5	13.9	12.5	20.9	0.80	1.25	30.5	33.6	60.5	PVC06	0.206
25S	M25	3/4"	1"	15.0	11.1	19.9	14.0	22.0	1.25	1.60	37.5	41.3	67.5	PVC09	0.325
25	M25	3/4"	1"	15.0	11.1	19.9	18.2	26.2	1.25	1.60	37.5	41.3	67.5	PVC09	0.325
32	M32	1"	1-1/4"	15.0	17.0	26.2	23.7	33.9	1.60	2.00	46.0	50.6	69.5	PVC11	0.452
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.1	27.9	40.4	1.60	2.00	55.0	60.5	78.0	PVC15	0.657
50S	M50	1-1/2"	2"	15.0	29.5	38.1	35.2	46.7	2.00	2.50	60.0	66.0	75.5	PVC18	0.734
50	M50	2"	2-1/2"	15.0	35.6	44.0	40.4	53.1	2.00	2.50	70.0	77.0	80.5	PVC21	0.748
63S	M63	2"	2-1/2"	15.0	40.1	49.9	45.6	59.4	2.00	2.50	75.0	82.5	91.5	PVC23	1.337
63	M63	2-1/2"	3"	15.0	47.2	55.9	54.6	65.9	2.00	2.50	80.0	88.0	92.0	PVC25	1.436
75S	M75	2-1/2"	3"	15.0	52.8	61.9	59.0	72.1	2.00	2.50	89.0	97.9	99.0	PVC28	2.073
75	M75	3"	3-1/2"	15.0	59.1	67.9	66.7	78.5	2.50	3.00	99.0	108.9	102.0	PVC30	2.622

All dimensions in millimetres

TYPICAL ORDERING REFERENCE

ORDER REFERENCE DESCRIPTION

MGE1FW20	M20 Threaded Cable Gland - Brass
MGE1FW25	M25 Threaded Cable Gland - Brass
MGE1FW32	M32 Threaded Cable Gland - Brass
MGE1FW40	M40 Threaded Cable Gland - Brass
MGE1FW50	M50 Threaded Cable Gland - Brass

Contact Sales for all other options / sizes.



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