

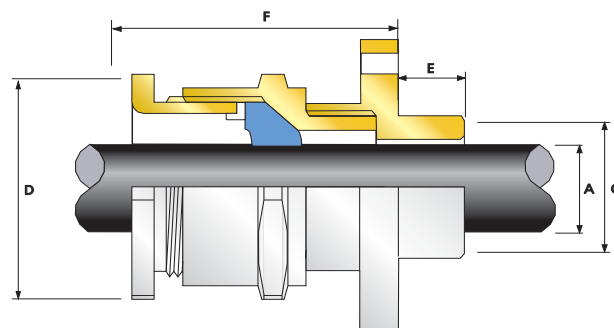
A2F/MF

Ex e Ex d

A2F/MF Mining, Internationally Approved, Flanged Explosive Atmosphere Cable Gland

For all types of Unarmoured Cables

- Complete with flanged adaptor
- High quality durable materials
- Wide sealing range for each cable gland size
- Displacement type flameproof seal
- -60°C to +130°C
- Internationally marked, IECEx & ATEX



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444 (A2F/M Only)
Mechanical Classifications*	Impact = Level 8, Retention = Class B
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ATEX Certificate	SIRA13ATEX1068X, SIRA09ATEX1034U
Code of Protection	Ⓜ IM2 Ex d I Mb, Ex e I Mb
Compliance Standards	EN 60079-0,1,7
IECEx Certificate	IECEx SIR 13.0023X, IECEx SIR 09.0024U, IECEx SIM 14.0006
Code of Protection	Ex d I Mb, Ex e I Mb
Compliance Standards	IEC 60079-0,1,7
Ingress Protection Rating	IP67, IP66, & IP68**
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer
Cable Type	Unarmoured
Sealing Technique	CMP Unique Displacement Seal Concept
Sealing Area(s)	Cable 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

See MA/FT, MA/B page for flange mounting dimensions

Alternative flange sizes available upon request

Cable Gland Selection Table

Refer to illustration at the top of the page.

Cable Gland Size	Spigot Diameter "C"	Minimum Spigot Length "E"	Overall Cable Diameter "A"		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Cable Gland Weight (Kgs)
			Min	Max	Max	Max		Size	Type	Ordering Suffix	
20S	19.0	15.0	6.1	11.7	22.0	24.2	32.1	20S	A2F	1RA/MF	0.074
20	19.0	15.0	6.5	14.0	27.0	29.7	32.1	20	A2F	1RA/MF	0.079
25	25.4	15.0	11.1	20.0	36.0	39.6	35.1	25	A2F	1RA/MF	0.100
32	31.8	15.0	17.0	26.3	41.0	45.1	38.7	32	A2F	1RA/MF	0.438
40	38.1	15.0	23.5	32.2	46.0	50.6	39.7	40	A2F	1RA/MF	0.620
50S	50.8	15.0	31.0	38.2	55.0	60.5	42.5	50S	A2F	1RA/MF	0.730
50	50.8	15.0	35.6	44.0	60.0	66.0	43.5	50	A2F	1RA/MF	0.800
63S	63.5	15.0	41.5	49.9	65.0	71.5	44.5	63S	A2F	1RA/MF	1.040
63	63.5	15.0	47.2	55.9	70.0	77.0	44.5	63	A2F	1RA/MF	1.060
75S	76.2	15.0	54.0	61.9	84.0	92.4	48.0	75S	A2F	1RA/MF	1.220
75	76.2	15.0	61.1	67.9	84.0	92.4	50.0	75	A2F	1RA/MF	1.350

*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'
For NPT options please add the following digits to the material suffix; 1/2" = 31, 3/4" = 32, 1" = 33, 1 1/4" = 34, 1 1/2" = 35, 2" = 36, 2 1/2" = 37, 3" = 38, 3 1/2" = 39 (Brass requires prefix "0")

Examples: 32A2F1RA/MF534 = Nickel Plated Brass 1-1/4" NPT, 50SA2F1RA/MF035 = Brass 1-1/2" NPT, 25A2F1RA/MF432 = Stainless Steel 3/4" NPT, 20A2F1RA/MF5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated