



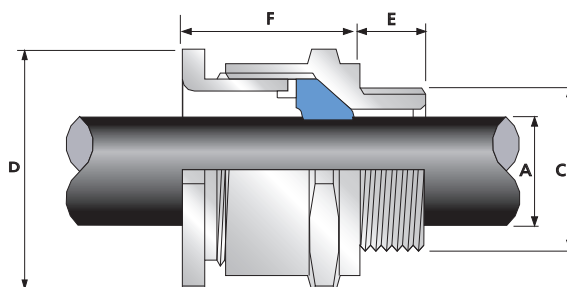
CA2F

Ex e Ex d Ex nR Ex ta

CA2F Globally approved, Explosive Atmosphere Cable Gland

For all types of Unarmoured & Braid Armour Cables

- Displacement Type Flameproof Seal
- Designed to prevent "Coldflow"
- Deluge Protected
- -60°C to 130°C (standard), -20°C to 200°C (ThermEx option)
- Globally Marked, IECEx & ATEX



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications *	Impact = Level 8, Retention = Class B
Enclosure Protection	IK10 to IEC 62262 (20 joules) N/A for Aluminium - please contact CMP
ATEX Certificate	SIRA13ATEX1068X, SIRA13ATEX4074X
Code of Protection	Ⓔ II 2G, II 1D Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da Ⓔ II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb
Compliance Standards	EN 60079-0,1,7,15,31
IECEx Certificate	IECEx SIR 13.0023X
Code of Protection	Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex d I Mb, Ex e I Mb
Compliance Standards	IEC 60079-0,1,7,15,31
Marine Approvals	LRS: 01/00172 (E3), DNV: E-13848, ABS: 14-LD234401A-4-PDA
Ingress Protection Rating	IP66, IP67 & IP68**
Deluge Protection Compliance	DTS01 : 91
Cable Gland Material	Stainless Steel
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer
Cable Type	Unarmoured & Braided
Sealing Technique	CMP Unique Displacement Seal Concept
Sealing Area(s)	Cable Outer Sheath

Note : * Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

Note : ** Refer to page 30 or www.cmp-products.com for further information on Ingress Protection Ratings

Cable Gland Selection Table

Refer to illustration at the top of the page

Dimensions listed below are for metric cable glands only
Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Available Entry Threads 'C'				Overall Cable Diameter "A"		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Stainless Steel)			Shroud	Cable Gland Weight (Kgs)
	Standard									Size	Type	Ordering Suffix		
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"	Min	Max	Max	Max						
20S M16	M16	15.0	3/8"	15.3	6.1	11.7	24.0	26.4	25.1	20S	CA2F	1RA4	PVC04	0.06
20 M16	M16	15.0	3/8"	15.3	6.5	12.6	27.0	29.7	27.2	20	CA2F	1RA4	PVC05	0.07
25 M20	M20	15.0	1/2"	19.9	11.1	16.4	36.0	39.6	35.5	25	CA2F	1RA4	PVC09	0.13
32 M25	M25	15.0	3/4"	20.2	17.0	21.2	41.0	45.1	34.2	32	CA2F	1RA4	PVC10	0.15
40 M32	M32	15.0	1"	25.0	23.5	27.7	50.0	55.0	35.1	40	CA2F	1RA4	PVC13	0.20
50S M40	M40	15.0	1 1/4"	25.6	31.0	35.0	55.0	60.5	32.0	50S	CA2F	1RA4	PVC15	0.26
63S M50	M50	15.0	2"	26.9	41.5	44.9	70.5	77.6	33.5	63S	CA2F	1RA4	PVC21	0.43
75S M63	M63	15.0	2 1/2"	39.9	54.0	57.2	80.0	88.0	34.2	75S	CA2F	1RA4	PVC24	0.52
90 M75	M75	15.0	3"	41.5	66.6	68.6	108.0	118.8	58.3	90	CA2F	1RA4	PVC31	1.60
100 M90	M90	24.0	3 1/2"	42.8	76.0	83.2	123.0	135.3	55.2	100	CA2F	1RA4	LSF33	1.78
115 M100	M100	24.0	3 1/2"	42.8	86.0	91.5	133.4	146.7	65.2	115	CA2F	1RA4	LSF34	2.67
130 M115	M115	24.0	4"	44.0	97.0	105.0	152.4	167.6	73.9	130	CA2F	1RA4	LSF35	3.80

For NPT options please add the following digits to the ordering 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

Examples : 32CA2F1RA432 = Stainless Steel 3/4" NPT, 50SCA2F1RA434 = Stainless Steel 1-1/4" NPT, 25CA2F1RA4 = Stainless Steel M20

Dimensions are displayed in millimetres unless otherwise stated