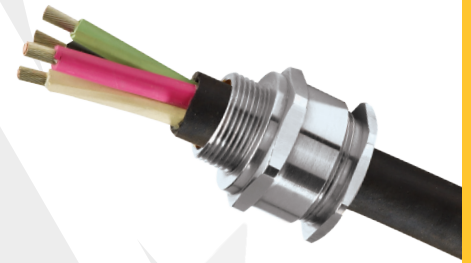


# A2e

**A2e INTERNATIONALLY APPROVED, Ex eb, EXPLOSIVE ATMOSPHERE CABLE GLAND**

**FOR ALL TYPES OF UNARMoured & BRAIDED CABLES**

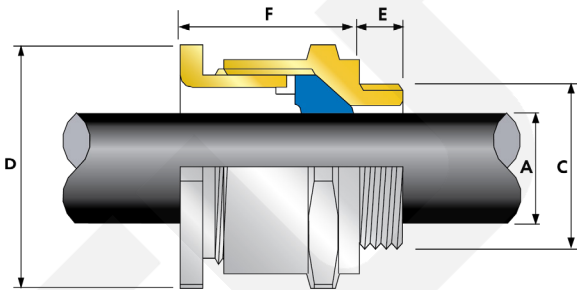
- 10mm thread length on sizes 32 and below
- Displacement type seal
- Deluge protected
- -60°C to +130°C
- Internationally marked, IECEx & ATEX



<b>IP66</b>	<b>IP67</b>	<b>IP68</b>
<b>DELUGE PROTECTED</b>		<b>+130°C</b> ↑ <b>-60°C</b>
<b>Ex eb</b>	<b>Ex ta</b>	<b>Ex nR</b>

TECHNICAL DATA	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
INGRESS PROTECTION RATING**	IP66, IP67 & IP68***
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Unarmoured & Braided when terminated inside enclosure
SEALING TECHNIQUE	CMP Unique Displacement Seal Concept
SEALING AREA(S)	Cable Outer Sheath

\* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 \*\* When CMP installation accessories are used. Refer to [www.cmp-products.com](http://www.cmp-products.com) for further information. \*\*\* IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request



GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML 18ATEX1321X, CML18ATEX4313X	IECEx CERTIFICATE	IECEx CML 18.0179X, IECEx SIM 14.0006
CODE OF PROTECTION	⊕ II 2G 1D, Ex eb IIC Gb, Ex ta IIC Da ⊕ II 3G Ex nR IIC Gc	CODE OF PROTECTION	Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIC Da
COMPLIANCE STANDARDS	EN 60079-0, 7, 15, 31	COMPLIANCE STANDARDS	IEC 60079-0, 7, 31
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487		
KCS KOSHA CERTIFICATE	13_GA4BO_0749X; 13_GA4BO_0750X; 14_GA4BO_0251X; 13-GA4BO-0748X		
CCOE / PESO (INDIA) CERTIFICATE	P444949		
NEPSI CERTIFICATE	GYJ18.1249X		
ECAS CERTIFICATE	20-02-05631		
MARINE APPROVALS	DNV: TAE000000Y, ABS: 16-LD1478091-PDA, LRS: 01/00172, BV: 43180 A1 BV		



Please contact CMP when choosing accessories for sizes 90 and above due to sizing restrictions

COMBINED ORDERING REFERENCE ("BRASS METRIC")			AVAILABLE ENTRY THREADS "C" (ALTERNATE METRIC THREAD LENGTHS AVAILABLE)					OVERALL CABLE DIAMETER "A"		ACROSS FLATS "D"		ACROSS CORNERS "D"		PROTRUSION LENGTH "F"	SHROUD	CABLE GLAND WEIGHT (kg)
			STANDARD			OPTION										
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) "E"	NPT	THREAD LENGTH (NPT) "E"	NPT	MIN	MAX	MAX	MAX					
16	A2E	1RA	M16	10.0	-	-	-	3.2	8.7	24.0	26.4	28.6	PVC02	0.060		
20S16	A2E	1RA	M20	10.0	½"	19.9	¾"	3.2	8.7	24.0	26.4	26.3	PVC04	0.070		
20S	A2E	1RA	M20	10.0	½"	19.9	¾"	6.1	11.7	24.0	26.4	26.0	PVC04	0.060		
20	A2E	1RA	M20	10.0	½"	19.9	¾"	6.5	14.0	27.0	29.7	27.7	PVC05	0.070		
25	A2E	1RA	M25	10.0	¾"	20.2	1"	11.1	20.0	36.0	39.6	36.3	PVC09	0.130		
32	A2E	1RA	M32	10.0	1"	25.0	1 ¼"	17.0	26.3	41.0	45.1	35.1	PVC10	0.150		
40	A2E	1RA	M40	15.0	1 ¼"	25.6	1 ½"	23.5	32.2	50.0	55.0	35.1	PVC13	0.200		
50S	A2E	1RA	M50	15.0	1 ½"	26.1	2"	31.0	38.2	55.0	60.5	33.0	PVC15	0.260		
50	A2E	1RA	M50	15.0	2"	26.9	2 ½"	35.6	44.0	60.0	66.0	37.3	PVC18	0.270		
63S	A2E	1RA	M63	15.0	2"	26.9	2 ½"	41.5	49.9	70.5	77.6	33.5	PVC21	0.430		
63	A2E	1RA	M63	15.0	2 ½"	39.9	3"	47.2	55.9	75.0	82.5	36.2	PVC23	0.400		
75S	A2E	1RA	M75	15.0	2 ½"	39.9	3"	54.0	61.9	84.0	92.4	34.1	PVC24	0.520		
75	A2E	1RA	M75	15.0	3"	41.5	3 ½"	61.1	67.9	84.0	92.4	40.9	PVC26	0.500		
90	A2E	1RA	M90	24.0	3 ½"	42.8	4"	66.6	79.9	108.0	118.8	60.3	PVC31	1.600		
100	A2E	1RA	M100	24.0	3 ½"	42.8	4"	76.0	91.0	123.0	135.3	57.2	LSF33	1.780		
115	A2E	1RA	M115	24.0	4"	44.0	5"	86.0	97.9	133.4	146.7	67.3	LSF34	2.670		
130	A2E	1RA	M130	24.0	5"	46.8	-	97.0	114.9	152.4	167.6	74.7	LSF35	3.800		

\*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'  
For NPT options add the following digits to the material suffix; ½" = 31; ¾" = 32; 1" = 33; 1 ¼" = 34; 1 ½" = 35; 2" = 36; 2 ½" = 37; 3" = 38; 3 ½" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32A2E1RA534 = Nickel Plated Brass 1 ¼" NPT, 50SA2E1RA035 = Brass 1 ½" NPT, 25A2E1RA432 = Stainless Steel ¾" NPT, 20A2E1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

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