

GLOBALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE GLAND



FOR ALL TYPES OF UNARMoured & BRAIDED CABLES

- Complies 100% with IEC 60079-0 cable retention requirements
- No 'special conditions' for safe use
- No external cable clamping required by certification
- Displacement type flameproof seal
- Deluge protected
- -60°C to +130°C
- Globally marked, UKEX, IECEx and ATEX
- Ingress protection disc available on request

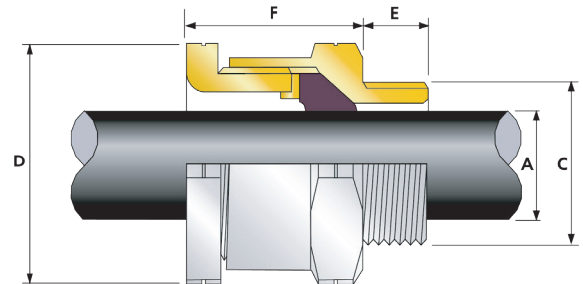
GLOBAL PRODUCT CERTIFICATION

ATEX CERTIFICATE	CML18ATEX1307, CML18ATEX4311	IECEx CERTIFICATE	IECEx CML 18.0172 , IECEx SIM 17.0010
UKEX CERTIFICATE	CML 21UKEX1247, CML 21UKEX4248		
CODE OF PROTECTION	Ⓔ II 2G ID II Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ⓔ II 3G Ex nR IIC Gc Ⓔ I M2 Ex db I Mb, Ex eb I Mb IP66, IP67, IP68	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc, Ex db I Mb, Ex eb I Mb IP66, IP67, IP68
COMPLIANCE STANDARDS	EN 60079-0,1,7,15,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
CCC CERTIFICATE	2020322313003430	CCOE / PESO CERTIFICATE (INDIA)	P444949
EAC CERTIFICATE	TC RU C-GB.AA07.B. 02496/20		
CODE OF PROTECTION	Ⓔ PB Ex db I Mb X, Ⓔ PII Ex e I Mc X, Ⓔ IEx db IIC Gb X, Ⓔ IEx e IIC Gb X, Ⓔ Ex ta IIIC Da X, Ⓔ 2Ex nR IIC Gc X		
SANS	IA MS-XPL21804 21.0002		
MARINE APPROVALS	DNV: TAE000000Y		

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)
INGRESS PROTECTION RATING**	IP66, IP67 and IP68****
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE GLAND MATERIAL	Electroless Nickel Plated Brass
SEAL MATERIAL	SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Unarmoured & Braided
SEALING TECHNIQUE	Displacement Seal
SEALING AREA(S)	Cable Outer Sheath

* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444
 **** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request.



EUTEX ORDERING REFERENCE	AVAILABLE ENTRY THREADS 'C'		OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
	METRIC	THREAD LENGTH 'E'	MIN	MAX	MAX	MAX			
16 A2F100	M16	15.0	3.2	8.0	24.0	26.4	34.9	PVC04	0.07
20S16 A2F100	M20	15.0	3.2	8.0	24.0	26.4	30.4	PVC04	0.08
20S A2F100	M20	15.0	6.5	11.2	24.0	26.4	31.9	PVC04	0.07
20 A2F100	M20	15.0	7.0	13.5	27.0	29.7	35.8	PVC05	0.09
20L A2F100	M20	15.0	8.7	14.0	27.0	29.7	34.3	PVC05	0.09
25 A2F100	M25	15.0	11.5	19.5	36.0	39.6	40.4	PVC09	0.16
25L A2F100	M25	15.0	14.0	20.0	36.0	39.6	39.9	PVC09	0.16
32 A2F100	M32	15.0	19.0	25.5	41.0	45.1	38.5	PVC10	0.18
32L A2F100	M32	15.0	20.2	26.3	41.0	45.1	35.5	PVC10	0.18
40 A2F100	M40	15.0	25.0	32.2	50.0	55.0	38.8	PVC13	0.25
50S A2F100	M50	15.0	31.0	38.2	55.0	60.5	41.4	PVC15	0.33
50 A2F100	M50	15.0	35.6	44.0	60.0	66.0	45.8	PVC18	0.35
63S A2F100	M63	15.0	41.5	49.9	70.5	77.6	43.3	PVC21	0.56
63 A2F100	M63	15.0	48.2	54.9	75.0	82.5	43.6	PVC23	0.55
75S A2F100	M75	15.0	54.0	61.9	84.0	92.4	45.4	PVC24	0.73
75 A2F100	M75	15.0	61.1	67.9	84.0	92.4	49.0	PVC24	0.58
90 A2F100	M90	24.0	66.6	79.9	108.0	118.8	66.0	PVC31	1.71
100 A2F100	M100	24.0	76.0	89.0	123.0	135.3	72.2	LSF34	2.26
115 A2F100	M115	24.0	86.0	97.9	133.4	146.7	67.9	LSF33	2.74
130 A2F100	M130	24.0	97.0	114.9	152.4	167.6	81.1	LSF35	4.07

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'
 NPT options add the following digits to the material suffix: 1/4" = 31; 3/8" = 32; 1/2" = 33; 3/4" = 34; 1" = 35; 1 1/4" = 36; 1 1/2" = 37; 2" = 38; 2 1/2" = 39; 3" = 40 (Brass requires prefix '0')

Examples: 32A2F1001RA534 = Nickel Plated Brass 1 1/4" NPT, 50SA2F1001RA035 = Brass 1 1/2" NPT, 25A2F1001RA432 = Stainless Steel 1/2" NPT, 20A2F1001RA5 = 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.