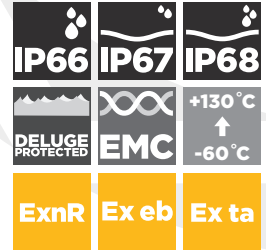
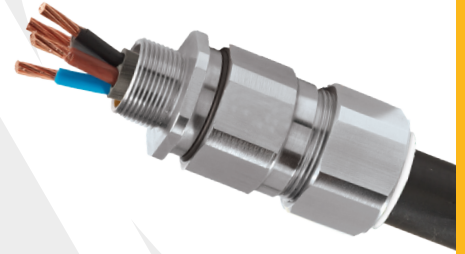


C2K

C2K INTERNATIONALLY APPROVED, Ex eb, EXPLOSIVE ATMOSPHERE CABLE GLAND

FOR ALL TYPES OF ARMoured CABLES

- Metal-to-metal armour clamping
- Direct & remote installation
- Integral protected deluge seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- Integral protected deluge seal
- -60°C to +130°C (standard), -20°C to 200°C (ThermEx option)
- Internationally marked, IECEx & ATEX
- Superior EMC performance

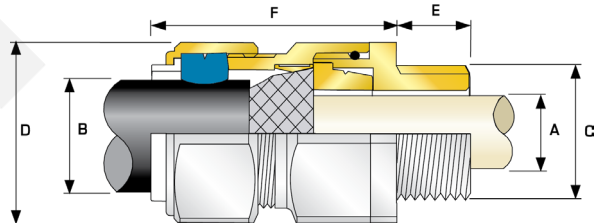


TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ELECTRICAL CLASSIFICATIONS*	Category B (Category A when used with braid, tape or pliable wire armour cables)
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	Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Pliable Wire Armour (PWA), Steel Tape Armour (STA), Wire Braid Armour (e.g. SWB), Aluminium Strip Armour (ASA), Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Armoured & Jacketed
SEALING TECHNIQUE	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
SEALING AREA(S)	Cable Outer Sheath
ARMOUR CLAMPING	Reversible Armour Cone & AnyWay Universal Clamping Ring

GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1323X CML18ATEX4315X	IECEx CERTIFICATE	IECEx CML 18.0180X
CODE OF PROTECTION	⊕ II 2G TD, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc	CODE OF PROTECTION	Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc
COMPLIANCE STANDARDS	EN 60079-0,7,15,31	COMPLIANCE STANDARDS	IEC 60079-0,7,15,31
EAC CERTIFICATE	TC RU C-GB.AA87.B.00487	UK/SEPRO	CL1.09.0371X
RETIE APPROVAL NUMBER	03866	CCOE / PESO (INDIA) CERTIFICATE	P444949
NEPSI CERTIFICATE	GY18.1435X	INMETRO APPROVAL	TUV 12.0617X
MARINE APPROVALS	LRS: 01/00172 DNV: TAE000000Y ABS: 16-LD1478091-PDA, BV: 43180 A1 BV		



* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444. ** When CMP installation accessories are used. Refer to 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



† Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminum Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminum Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W). Grooved Cone (X) dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braid armour cables. Tapes can also be doubled over. For cables that have only a single layer of armor such as SWA the clamping range should be used as shown in the table below. Stepped (W) Cone is suitable for Single Wire Armour (SWA), or Aluminum Wire Armour (AWA) cables.

COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS "C" (ALTERNATE METRIC THREAD LENGTHS AVAILABLE)						CABLE BEDDING DIAMETER "A"		OVERALL CABLE DIAMETER "B"		ARMOUR RANGE†				ACROSS FLATS "D"	ACROSS CORNERS "D"	PROTRUSION LENGTH "F"	SHROUD	CABLE GLAND WEIGHT (kgs)
			STANDARD			OPTION							GROOVED CONE (X)		STEPPED CONE (W)						
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) "E"	NPT	THREAD LENGTH (NPT) "E"	NPT	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX	MAX	MAX	MAX	MAX	
20S16	C2K	1RA	M20	15.0	1/2"	19.9	3/4"	8.7	6.1	13.1	0.3	1.0	0.8	1.25	30.5	33.6	65.0	PVC04	0.23		
20S	C2K	1RA	M20	15.0	1/2"	19.9	3/4"	11.7	9.5	15.9	0.3	1.0	0.8	1.25	30.5	33.6	62.0	PVC04	0.24		
20	C2K	1RA	M20	15.0	1/2"	19.9	3/4"	14.0	12.5	20.9	0.4	1.0	0.8	1.25	30.5	33.6	63.0	PVC06	0.22		
25S	C2K	1RA	M25	15.0	3/4"	20.2	1"	20.0	14.0	22.0	0.4	1.2	1.25	1.6	37.5	41.3	69.5	PVC09	0.35		
25	C2K	1RA	M25	15.0	3/4"	20.2	1"	20.0	18.2	26.2	0.4	1.2	1.25	1.6	37.5	41.3	69.5	PVC09	0.35		
32	C2K	1RA	M32	15.0	1"	25.0	1 1/4"	26.0	23.7	33.9	0.4	1.2	1.6	2.0	46.0	50.6	75.0	PVC11	0.55		
40	C2K	1RA	M40	15.0	1 1/4"	25.6	1 1/2"	32.2	27.9	40.4	0.4	1.6	1.6	2.0	55.0	60.5	75.0	PVC15	0.75		
50S	C2K	1RA	M50	15.0	1 1/2"	26.1	2"	38.2	35.2	46.7	0.4	1.6	2.0	2.5	60.0	66.0	77.0	PVC18	0.86		
50	C2K	1RA	M50	15.0	2"	26.9	2 1/2"	44.1	40.4	53.0	0.6	1.6	2.0	2.5	70.1	77.1	77.0	PVC21	1.13		
63S	C2K	1RA	M63	15.0	2"	26.9	2 1/2"	50.0	45.6	59.4	0.6	1.6	2.0	2.5	75.0	82.5	80.0	PVC23	1.35		
63	C2K	1RA	M63	15.0	2 1/2"	39.9	3"	56.0	54.6	65.8	0.6	1.6	2.0	2.5	80.0	88.0	80.0	PVC25	1.34		
75S	C2K	1RA	M75	15.0	2 1/2"	39.9	3"	62.0	59.0	72.0	0.6	1.6	2.0	2.5	90.0	99.0	87.0	PVC28	2.02		
75	C2K	1RA	M75	15.0	3"	41.5	3 1/2"	64.2	66.7	78.4	0.6	1.6	2.5	3.0	100.0	110.0	88.0	PVC30	2.48		
90	C2K	1RA	M90	24.0	3 1/2"	42.8	4"	78.6	76.2	90.3	0.8	1.6	3.15	4.0	115.0	126.5	102.0	PVC32	3.52		
100	C2K	1RA	M100	24.0	3 1/2"	42.8	4"	91.0	86.1	101.4	0.8	1.6	3.15	4.0	127.0	139.7	114.0	LSF33	4.58		
115	C2K	1RA	M115	24.0	4"	44.0	5"	98.0	101.5	110.2	0.8	1.6	3.15	4.0	133.4	146.7	114.0	LSF34	6.50		
130	C2K	1RA	M130	24.0	5"	46.8	-	115.0	110.2	123.2	0.8	1.6	3.15	4.0	152.4	167.6	114.0	LSF35	8.50		

*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; 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; 4" = 310 (Brass requires prefix '0')

Examples: 32C2K1RA534 = Nickel Plated Brass 1 1/4" NPT, 50S2K1RA035 = Brass 1 1/2" NPT, 25C2K1RA432 = Stainless Steel 3/4" NPT, 20C2K1RA5 = 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.