



CX

CX Single Seal Industrial Cable Gland

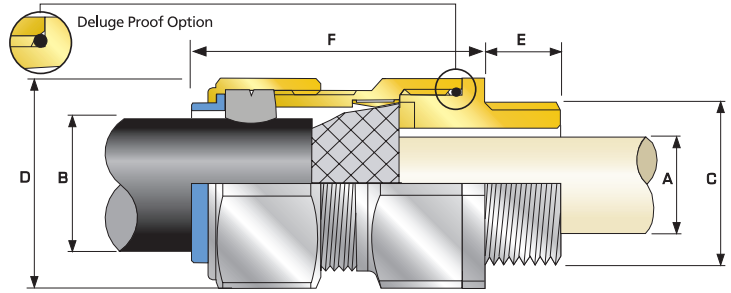
For Braid, Pliable Wire & Steel Tape Armoured Cables

- High quality durable materials
- Robust, heavy duty design
- Metal-to-metal armour clamping
- Direct & remote installation
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60°C to +130°C (standard), -20°C to 200°C (Thermin option page 91)
- Deluge protection option
- EMC tested



† Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminium Strip Wire Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminium Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W).

Note: 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 armour such as SWA the clamping range should be used as shown in the table below.



TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Retention = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Electrical Classifications*	Category A
GOST R Certificate	POCC GB.ГБ 05.H00187
GOST K Certificate	KZ 7500361.01.01.25266
RoK Permit For Use	19-02-UL-1957
Marine Approvals	LRS: 01/00171 (E1), ABS: 01-LD234401/2-PDA
Ingress Protection Rating	IP66 as standard (IP67, IP68 available upon request)**
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Thermoset Rubber
Cable Type	Wire Braid Armour, Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Cable Gland Kits Available	Cable Gland kit for use with all types of cable includes 2 Brass Cable Glands, 2 Steel Locknuts, 2 Brass Earth Tags and 2 PVC Shrouds for sizes up to and including 32mm. For sizes 40mm and above each kit includes 1 of each component.

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

Note : ** Refer to page 7 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

Cable Gland Size	Available Entry Threads "C" (Alternate Metric Thread Lengths Available)		Cable Bedding Diameter "A"	Overall Cable Diameter "B"		Armour Range † Grooved Cone (X)		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Metric	Thread Length (Metric) "E"		Max	Min	Max	Min				Max	Max	Max		
20s16	M20	10.0	8.7	6.1	13.1	0.3	1.0	24.0	26.4	48.0	20S16	CX	1RA	PVC04	0.100
20S	M20	10.0	11.7	9.5	15.9	0.3	1.0	24.0	26.4	48.0	20S	CX	1RA	PVC04	0.100
20	M20	10.0	14.0	12.5	20.9	0.4	1.0	30.5	33.6	48.0	20	CX	1RA	PVC06	0.147
25S	M25	10.0	20.0	14.0	22.0	0.4	1.2	37.5	41.3	56.0	25S	CX	1RA	PVC09	0.224
25	M25	10.0	20.0	18.2	26.2	0.4	1.2	37.5	41.3	56.0	25	CX	1RA	PVC09	0.221
32	M32	10.0	26.3	23.7	33.9	0.4	1.2	46.0	50.6	54.0	32	CX	1RA	PVC11	0.306
40	M40	15.0	32.2	27.9	40.4	0.4	1.6	55.0	60.5	58.0	40	CX	1RA	PVC15	0.448
50S	M50	15.0	38.2	35.2	46.7	0.4	1.6	60.0	66.0	61.0	50S	CX	1RA	PVC18	0.567
50	M50	15.0	44.1	40.4	53.0	0.6	1.6	70.1	77.1	60.0	50	CX	1RA	PVC21	0.751
63S	M63	15.0	50.0	45.6	59.4	0.6	1.6	75.0	82.5	74.0	63S	CX	1RA	PVC23	1.036
63	M63	15.0	56.0	54.6	65.8	0.6	1.6	80.0	88.0	71.0	63	CX	1RA	PVC25	1.016
75S	M75	15.0	62.0	59.0	72.0	0.6	1.6	90.0	99.0	86.0	75S	CX	1RA	PVC28	1.787
75	M75	15.0	68.0	66.7	78.4	0.6	1.6	100.0	110.0	82.0	75	CX	1RA	PVC30	2.091
90	M90	24.0	80.0	76.2	90.3	0.8	1.6	114.3	125.7	95.0	90	CX	1RA	PVC32	3.044
100	M100	24.0	91.0	86.1	101.4	0.8	1.6	123.0	135.3	95.0	100	CX	1RA	LSF33	3.132
115	M115	24.0	98.0	101.5	110.2	0.8	1.6	133.4	146.7	107.5	115	CX	1RA	LSF34	4.476
130	M130	24.0	115.0	110.2	123.2	0.8	1.6	152.4	167.6	110.0	130	CX	1RA	LSF35	5.761

*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'

Examples: 20CX1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

