Brass

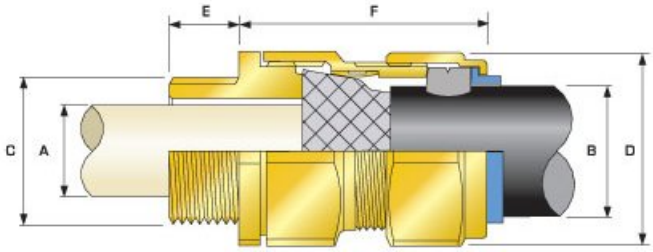
CX Industrial Cable Gland

CMP CX type brass indoor and outdoor cable gland for use with all types of Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable, providing environmental seal on the cable outer sheath. The cable gland also provides mechanical cable retention and electrical continuity via armour wire termination.

All CMP Cable Glands are EMC Tested.

A detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

The CMP CX range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.



Cable Gland Selection Table

Cable Gland Size	Entry Thread "C"	Minimum Thread Length "E"	Cable Bedding Diameter "A"	Overall Cable Diameter "B"		Armour Range +		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Ordering Reference (Brass Metric)	PVC Shroud Ref *	Cable Gland Weight (Kgs)
			Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	10.0	8.7	6.1	11.5	0.0	1.0	24.0	25.9	43.0	20S16CX1RA	PVC04	0.118
20S	M20	10.0	11.7	9.5	15.9	0.0	1.0	24.0	25.9	43.0	20SCX1RA	PVC04	0.118
20	M20	10.0	14.0	12.5	20.9	0.0	1.0	30.5	32.9	50.0	20CX1RA	PVC06	0.159
25S	M25	10.0	20.0	14.0	22.0	0.0	1.0	36.0	38.9	55.0	25SCX1RA	PVC09	0.228
25	M25	10.0	20.0	18.2	26.2	0.0	1.0	36.0	38.9	55.0	25CX1RA	PVC09	0.228
32	M32	10.0	26.3	23.7	33.9	0.0	1.0	46.0	49.7	55.0	32CX1RA	PVC11	0.362
40	M40	15.0	32.2	27.9	40.4	0.0	1.0	55.0	59.4	55.0	40CX1RA	PVC15	0.520
50S	M50	15.0	38.2	35.2	46.7	0.0	1.0	60.0	64.8	56.0	50SCX1RA	PVC18	0.579
50	M50	15.0	44.1	40.4	53.1	0.0	1.0	70.1	75.7	70.0	50CX1RA	PVC21	0.601
63S	M63	15.0	50.0	45.6	59.4	0.0	1.0	75.0	81.0	70.0	63SCX1RA	PVC23	1.054
63	M63	15.0	56.0	54.6	65.9	0.0	1.0	80.0	86.4	80.0	63CX1RA	PVC25	1.200
75S	M75	15.0	62.0	59.0	72.1	0.0	1.0	90.0	97.2	81.1	75SCX1RA	PVC28	1.779
75	M75	15.0	68.0	66.7	78.5	0.0	1.0	100.0	108.0	96.0	75CX1RA	PVC30	2.370
90	M90	15.0	80.0	76.2	90.4	0.0	1.6	114.0	123.1	120.0	90CX1RA	PVC32	3.515
100	M100	15.0	91.0	86.1	101.5	0.0	1.6	123.0	132.8	140.0	100CX1RA	LSF33	4.100
115	M115	15.0	98.0	101.5	110.3	0.0	1.6	133.4	144.1	160.0	115CX1RA	LSF34	4.600
130	M130	15.0	115.0	114.3	123.3	0.0	1.6	146.1	157.8	169.0	130CX1RA	LSF35	5.200
Dimensions are displayed in millimetres unless otherwise stated													

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request. + Alternative armour clamping range available for non-standard armour sizes.

Cable Gland Size	Entry Thread "C"	Minimum Thread Length "E"	Cable Bedding Diameter "A"	Overall Cable Diameter "B"		Armour Range +		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Ordering Reference (Brass Metric)	PVC Shroud Ref *	Cable Gland Weight (Ozs)
			Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	0.394	0.343	0.240	0.453	0.000	0.039	0.945	1.020	1.693	20S16CX1RA	PVC04	4.16
20S	M20	0.394	0.461	0.374	0.626	0.000	0.039	0.945	1.020	1.693	20SCX1RA	PVC04	4.16
20	M20	0.394	0.551	0.492	0.823	0.000	0.039	1.201	1.295	1.969	20CX1RA	PVC06	5.61
25S	M25	0.394	0.787	0.551	0.866	0.000	0.039	1.417	1.531	2.165	25SCX1RA	PVC09	8.04
25	M25	0.394	0.787	0.717	1.031	0.000	0.039	1.417	1.531	2.165	25CX1RA	PVC09	8.04
32	M32	0.394	1.035	0.933	1.335	0.000	0.039	1.811	1.957	2.165	32CX1RA	PVC11	12.77
40	M40	0.591	1.268	1.098	1.591	0.000	0.039	2.165	2.339	2.165	40CX1RA	PVC15	18.34
50S	M50	0.591	1.504	1.386	1.839	0.000	0.039	2.362	2.551	2.205	50SCX1RA	PVC18	20.42
50	M50	0.591	1.736	1.591	2.091	0.000	0.039	2.760	2.980	2.756	50CX1RA	PVC21	21.20
63S	M63	0.591	1.969	1.795	2.339	0.000	0.039	2.953	3.189	2.756	63SCX1RA	PVC23	37.18
63	M63	0.591	2.205	2.150	2.594	0.000	0.039	3.150	3.402	3.150	63CX1RA	PVC25	42.33
75S	M75	0.591	2.441	2.323	2.839	0.000	0.039	3.543	3.827	3.193	75SCX1RA	PVC28	62.75
75	M75	0.591	2.677	2.626	3.091	0.000	0.039	3.937	4.252	3.780	75CX1RA	PVC30	83.60
90	M90	0.591	3.150	3.000	3.559	0.000	0.063	4.488	4.846	4.724	90CX1RA	PVC32	123.99
100	M100	0.591	3.583	3.390	3.996	0.000	0.063	4.843	5.228	5.512	100CX1RA	LSF33	144.62
115	M115	0.591	3.858	3.996	4.343	0.000	0.063	5.252	5.673	6.299	115CX1RA	LSF34	162.26
130	M130	0.591	4.528	4.500	4.854	0.000	0.063	5.752	6.213	6.654	130CX1RA	LSF35	183.42
Dimensions are displayed in inches unless otherwise stated													

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request. + Alternative armour clamping range available for non-standard armour sizes.

TECHNICAL DATA

GOST R Certificate Number	POCC GB.06.H00187
GOST GGTN Permit	PPC 00-40706
GOST K Certificate Number	KZ 75000361_01 01 14761
RoK Permit For Use Number	19-02-UL-1957
Lloyds Approval No.	01/00171
ABS Approval No.	01-LD234401/1-PDA
Type	CX
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Wire Braid Armour, Screened Flexible 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" TM Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud