



CW

CW Single Seal Industrial Cable Gland

For all types of Steel & Aluminium Wire 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



Note: Deluge Proof option available (CWD)

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 B
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	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
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 SWA cable including 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		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Standard				Option									Size	Type	Ordering Suffix		
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"	NPT		Max	Min	Max	Min	Max	Max						
20s16	M20	10.0	1/2"	19.9	3/4"	8.7	6.1	13.1	0.8	1.25	24.0	26.4	48.0	20S16	CW	1RA	PVC04	0.100
20S	M20	10.0	1/2"	19.9	3/4"	11.7	9.5	15.9	0.8	1.25	24.0	26.4	48.0	20S	CW	1RA	PVC04	0.140
20	M20	10.0	1/2"	19.9	3/4"	14.0	12.5	20.9	0.8	1.25	30.5	33.6	48.0	20	CW	1RA	PVC06	0.180
25S	M25	10.0	3/4"	20.2	1"	20.0	14.0	22.0	1.25	1.6	37.5	41.3	56.0	25S	CW	1RA	PVC09	0.257
25	M25	10.0	3/4"	20.2	1"	20.0	18.2	26.2	1.25	1.6	37.5	41.3	56.0	25	CW	1RA	PVC09	0.257
32	M32	10.0	1"	25.0	1 1/4"	26.0	23.7	33.9	1.6	2.0	46.0	50.6	54.0	32	CW	1RA	PVC11	0.376
40	M40	15.0	1 1/4"	25.6	1 1/2"	32.2	27.9	40.4	1.6	2.0	55.0	60.5	58.0	40	CW	1RA	PVC15	0.630
50S	M50	15.0	1 1/2"	26.1	2"	38.2	35.2	46.7	2.0	2.5	60.0	66.0	61.0	50S	CW	1RA	PVC18	0.757
50	M50	15.0	2"	26.9	2 1/2"	44.1	40.4	53.0	2.0	2.5	70.1	77.1	60.0	50	CW	1RA	PVC21	0.862
63S	M63	15.0	2"	26.9	2 1/2"	50.0	45.6	59.4	2.0	2.5	75.0	82.5	74.0	63S	CW	1RA	PVC23	1.390
63	M63	15.0	2 1/2"	39.9	3"	56.0	54.6	65.8	2.0	2.5	80.0	88.0	71.0	63	CW	1RA	PVC25	1.360
75S	M75	15.0	2 1/2"	39.9	3"	62.0	59.0	72.0	2.0	2.5	90.0	99.0	86.0	75S	CW	1RA	PVC28	2.307
75	M75	15.0	3"	41.5	3 1/2"	64.2	66.7	78.4	2.5	3.0	100.0	110.0	82.0	75	CW	1RA	PVC30	2.909
90	M90	24.0	3 1/2"	42.8	4"	78.6	76.2	90.3	3.15	4.0	114.3	125.7	95.0	90	CW	1RA	PVC32	3.858
100	M100	24.0	4"	44.0	5"	91.0	86.1	101.4	3.15	4.0	123.0	135.3	95.0	100	CW	1RA	LSF33	4.958
115	M115	24.0	4"	44.0	5"	98.0	101.5	110.2	3.15	4.0	133.4	146.7	107.5	115	CW	1RA	LSF34	5.058
130	M130	24.0	5"	46.8	6"	115.0	110.2	123.2	3.15	4.0	152.4	167.6	110.0	130	CW	1RA	LSF35	6.158

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass 'S'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'

For NPT options please 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: 20CW1RA5 = Nickel Plated Brass M20, 50CW1RA = Brass 50mm, 25CW1RA4 = Stainless Steel 25mm

Dimensions are displayed in millimetres unless otherwise stated



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