



Brass

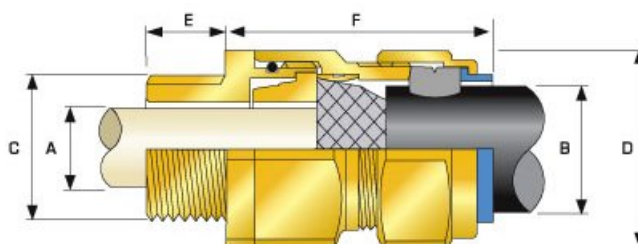
C2KGP Industrial Cable Gland

CMP C2KGP type brass indoor and outdoor cable gland for use with all types of Single Wire Armour (SWA), Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable, providing environmental seal on the cable outer sheath and additional deluge seal meeting the test requirements of DTS01:91.

All CMP Cable Glands are EMC Tested.

The cable gland also provides mechanical cable retention and electrical continuity via armour termination. A reversible 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 C2KGP 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.



Cable Gland Selection Table

Cable Gland Size	Entry Threads Metric "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	Grooved Cone		Stepped Cone							
			Max	Min	Max	Min	Max	Min	Max	Min	Max	Max	Max			
20S/16	M20	10.0	8.7	6.1	11.5	0.0	1.0	0.9	1.0	24.0	25.9	47.0	20S16C2KGP1RA	PVC06	0.132	
20S	M20	10.0	11.7	9.5	15.9	0.0	1.0	0.9	1.25	24.0	25.9	47.0	20SC2KGP1RA	PVC06	0.132	
20	M20	10.0	14.0	12.5	20.9	0.0	1.0	0.9	1.25	30.5	32.9	50.0	20C2KGP1RA	PVC06	0.194	
25S	M25	10.0	20.0	14.0	22.0	0.0	1.0	1.25	1.6	36.0	38.9	55.0	25SC2KGP1RA	PVC09	0.306	
25	M25	10.0	20.0	18.2	26.2	0.0	1.0	1.25	1.6	36.0	38.9	55.0	25C2KGP1RA	PVC09	0.306	
32	M32	10.0	26.3	23.7	33.9	0.0	1.0	1.6	2.0	46.0	49.7	58.0	32C2KGP1RA	PVC11	0.468	
40	M40	10.0	32.2	27.9	40.4	0.0	1.0	1.6	2.0	55.0	59.4	58.0	40C2KGP1RA	PVC15	0.678	
50S	M50	10.0	38.2	35.2	46.7	0.0	1.0	2.0	2.5	60.0	64.8	58.0	50SC2KGP1RA	PVC18	0.750	
50	M50	10.0	44.1	40.4	53.1	0.0	1.0	2.0	2.5	70.1	75.7	60.0	50C2KGP1RA	PVC21	1.044	
63S	M63	10.0	50.0	45.6	59.4	0.0	1.0	2.0	2.5	75.0	81.0	70.0	63SC2KGP1RA	PVC23	1.074	
63	M63	10.0	56.0	54.6	65.9	0.0	1.0	2.0	2.5	80.0	86.4	70.0	63C2KGP1RA	PVC25	1.280	
75S	M75	15.0	62.0	59.0	72.1	0.0	1.0	2.0	2.5	90.0	97.2	80.0	75SC2KGP1RA	PVC28	1.860	
75	M75	15.0	68.0	66.7	78.5	0.0	1.0	2.5	3.0	100.0	108.0	82.0	75C2KGP1RA	PVC30	2.550	
90	M90	15.0	80.0	76.2	90.4	0.0	1.6	3.0	3.5	115.0	124.2	96.0	90C2KGP1RA	PVC32	3.650	
100	M100	15.0	91.0	86.1	101.5	0.0	1.6	3.15	4.0	123.0	132.8	106.0	100C2KGP1RA	LSF33	4.200	
115	M115	15.0	98.0	101.5	110.3	0.0	1.6	3.15	4.0	133.4	144.1	115.0	115C2KGP1RA	LSF34	4.750	
130	M130	15.0	115.0	114.2	123.3	0.0	1.6	3.15	4.0	146.1	157.8	125.0	130C2KGP1RA	LSF35	5.330	

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 Threads Metric "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	Grooved Cone		Stepped Cone							
			Max	Min	Max	Min	Max	Min	Max	Min	Max	Max	Max			
20S/16	M20	0.394	0.343	0.240	0.453	0.000	0.039	0.035	0.039	0.945	1.020	1.850	20S16C2KGP1RA	PVC06	4.66	
20S	M20	0.394	0.461	0.374	0.626	0.000	0.039	0.035	0.049	0.945	1.020	1.850	20SC2KGP1RA	PVC06	4.66	
20	M20	0.394	0.551	0.492	0.823	0.000	0.039	0.035	0.049	1.201	1.295	1.969	20C2KGP1RA	PVC06	6.84	
25S	M25	0.394	0.787	0.551	0.866	0.000	0.039	0.049	0.063	1.417	1.531	2.165	25SC2KGP1RA	PVC09	10.79	
25	M25	0.394	0.787	0.717	1.031	0.000	0.039	0.049	0.063	1.417	1.531	2.165	25C2KGP1RA	PVC09	10.79	
32	M32	0.394	1.035	0.933	1.335	0.000	0.039	0.063	0.079	1.811	1.957	2.283	32C2KGP1RA	PVC11	16.51	
40	M40	0.394	1.268	1.098	1.591	0.000	0.039	0.063	0.079	2.165	2.339	2.283	40C2KGP1RA	PVC15	23.92	
50S	M50	0.394	1.504	1.386	1.839	0.000	0.039	0.079	0.098	2.362	2.551	2.283	50SC2KGP1RA	PVC18	26.46	
50	M50	0.394	1.736	1.591	2.091	0.000	0.039	0.079	0.098	2.760	2.980	2.362	50C2KGP1RA	PVC21	36.83	
63S	M63	0.394	1.969	1.795	2.339	0.000	0.039	0.079	0.098	2.953	3.189	2.756	63SC2KGP1RA	PVC23	37.88	
63	M63	0.394	2.205	2.150	2.594	0.000	0.039	0.079	0.098	3.150	3.402	2.756	63C2KGP1RA	PVC25	45.15	
75S	M75	0.591	2.441	2.323	2.839	0.000	0.039	0.079	0.098	3.543	3.827	3.150	75SC2KGP1RA	PVC28	65.61	
75	M75	0.591	2.677	2.626	3.091	0.000	0.039	0.098	0.118	3.937	4.252	3.228	75C2KGP1RA	PVC30	89.95	
90	M90	0.591	3.150	3.000	3.559	0.000	0.063	0.118	0.138	4.528	4.890	3.780	90C2KGP1RA	PVC32	128.75	
100	M100	0.591	3.583	3.390	3.996	0.000	0.063	0.124	0.157	4.843	5.228	4.173	100C2KGP1RA	LSF33	148.15	
115	M115	0.591	3.858	3.996	4.343	0.000	0.063	0.124	0.157	5.252	5.673	4.528	115C2KGP1RA	LSF34	167.55	
130	M130	0.591	4.528	4.496	4.854	0.000	0.063	0.124	0.157	5.752	6.213	4.921	130C2KGP1RA	LSF35	188.01	

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.



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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
Type	C2KGP
Design Specification	BS 6121 : Part 1: 2005 , EN 50262:1999
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66, IP67, IP68
Ingress Protection Document	5046 C549H
Deluge Protection Compliance	DTS01 : 91
Deluge Protection Document	5046 C549H-D
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Aluminium Strip Armour (ASA), Wire Braid Armour, Screened Flexible Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA)
Armour Clamping	Reversible 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 , Locknut , Serrated Washer , Entry Thread Seal , Shroud

