TECHNICAL DATA

CABLE GLAND TYPE	: SS2KGP and SS2KGP/PB
INGRESS PROTECTION	: IP66
PROCESS CONTROL SYSTEM	: BS EN ISO 9001
	: ISO/IEC 80079-34:2011

INSTALLATION INSTRUCTIONS

Installation should only be performed by a competent person using the correct tools. Spanners should be used for tightening. Read all instructions before beginning installation.

ACCESSORIES

The following accessories are available from CMP Products, as optional extras, to assist with fixing, sealing and earthing :-
Locknut, Earth Tag, Serrated Washer, Entry Thread (I.P.) Sealing Washer, Shroud

INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPES SS2KGP & SS2KGP/PB

CABLE GLAND FOR USE WITH UNARMOURED AND BRAID ARMOURED CABLE (WITH LEAD SHEATH ON "PB" VERSIONS.)

CABLE GLAND TYPES SS2KGP & SS2KGP/PB

Cable Gland Size	Available Entry Threads (Alternate Metric Thread Lengths Available)					Overall Cable Diameter		Across Flats	Across Corners	Protrusion Length	Combined Ordering Reference (*Brass Metric)			Shroud	Cable Gland Weight (Kgs)
	Standard				Option										
	Metric	Thread Length (Metric)	NPT	Thread Length (NPT)	NPT	Min	Max	Max	Max		Size	Type	Ordering Suffix		
20s16	M20	10.0	1/2"	19.9	3/4"	3.2	8.6	24.0	26.4	49.0	20S16	SS2KGP	1RA	PVC04	0.140
20S	M20	10.0	1/2"	19.9	3/4"	6.1	11.7	24.0	26.4	49.0	20S	SS2KGP	1RA	PVC04	0.130
20	M20	10.0	1/2"	19.9	3/4"	6.5	14.0	27.0	29.7	54.0	20	SS2KGP	1RA	PVC05	0.160
25	M25	10.0	3/4"	20.2	1"	11.1	20.0	36.0	39.6	66.0	25	SS2KGP	1RA	PVC09	0.300
32	M32	10.0	1"	25.0	1 1/4"	17.0	26.3	41.0	45.1	67.0	32	SS2KGP	1RA	PVC10	0.350
40	M40	15.0	1 1/4"	25.6	1 1/2"	23.5	32.1	50.0	55.0	70.0	40	SS2KGP	1RA	PVC13	0.500
50S	M50	15.0	1 1/2"	26.1	2"	31.0	38.2	55.0	60.5	65.0	50S	SS2KGP	1RA	PVC15	0.560
50	M50	15.0	2"	26.9	2 1/2"	35.6	44.0	60.0	66.0	70.0	50	SS2KGP	1RA	PVC18	0.590
63S	M63	15.0	2"	26.9	2 1/2"	41.5	49.9	70.5	77.6	70.0	63S	SS2KGP	1RA	PVC21	0.890
63	M63	15.0	2 1/2"	39.9	3"	47.2	55.9	75.0	82.5	71.0	63	SS2KGP	1RA	PVC23	0.850
75S	M75	15.0	2 1/2"	39.9	3"	54.0	61.9	80.0	88.0	70.0	75S	SS2KGP	1RA	PVC25	1.020
75	M75	15.0	3"	41.5	3 1/2"	61.1	67.9	84.0	92.4	75.0	75	SS2KGP	1RA	PVC26	0.990
90	M90	24.0	3 1/2"	42.8	4"	66.6	79.4	108.0	118.8	113.0	90	SS2KGP	1RA	PVC31	2.990
100	M100	24.0	4"	44.0	5"	76.0	90.9	123.0	134.2	106.0	100	SS2KGP	1RA	LSF33	3.390
115	M115	24.0	4"	44.0	5"	86.0	97.9	133.4	146.7	128.0	115	SS2KGP	1RA	LSF34	5.320
130	M130	24.0	5"	46.8	6"	97.0	114.9	152.4	167.6	129.0	130	SS2KGP	1RA	LSF35	6.350

*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: 32SS2KGP1RA534 = Nickel Plated Brass 1-1/4" NPT, 50SSS2KGP1RA035 = Brass 1-1/2" NPT, 25SS2KGP1RA432 = Stainless Steel 3/4" NPT, 20SS2KGP1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

Order codes shown are for SS2KGP glands, for SS2KGP/PB add "PB" e.g. 20SS2KGPPB1RA
* Please note that the overall maximum cable bedding diameter for "E2" variants should be reduced by 1mm to allow for the inner lead sheath

SS2KGP - For use with unarmoured and braid armoured cable
SS2KGP/PB - For use with unarmoured and braid armoured cables with lead sheaths
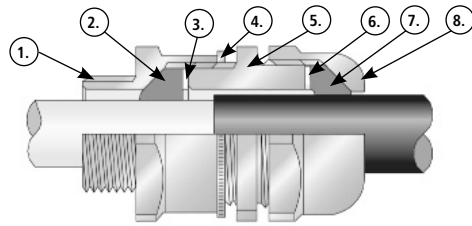
CE 0518

www.cmp-products.com

Logo's shown for illustration purposes only. Please check certification for details

INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPES SS2K, SS2K/PB & SS2K/TA

CABLE GLAND COMPONENTS - It is not necessary to dismantled the cable gland any further than illustrated below

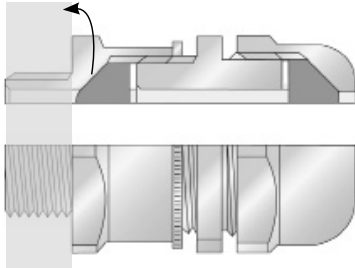|	
1. Entry Item	6. Skid Washer
2. Seal	7. Outer Seal
3. Skid Washer (Star Washer in	8. Outer Seal Nut
4. Lock Ring	
5. Main Item	

PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

The SS2KGP / SS2KGP/PB cable gland can be used with all types of unarmoured cable and braid armoured cable where the braid is terminated inside the enclosure. The inner seal is used to provide a flameproof seal and cable anchor and the outer seal provides further anchoring and an additional environmental seal. An electrical earth connection is automatically made to the cable lead sheath through the star washer when "PB" versions are used, or to the tape when "TA" versions are used.

NOTE: There is no need to dismantle the cable gland prior to installation

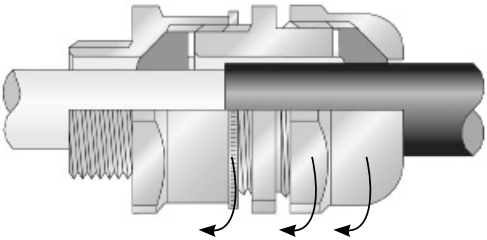1. Fit the gland into the equipment and fully tighten the entry item (1).

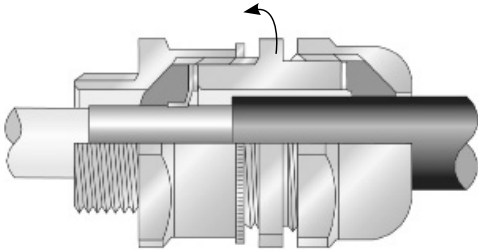If installed in a clearance hole, fit a locknut and tighten.

2. Determine the conductor length required to suit the geometry of the equipment and prepare the cable accordingly. Remove the outer sheath where required to reveal the insulated conductors, lead sheath, or tape where applicable.

3. Ensure the seals (2) and (7) are in a relaxed state by slackening the locking ring (4), main item (5) and outer seal nut (8) if necessary.

4. Pass the cable through the gland to the desired position. Tighten the main item (5) into the entry item (1) until the seal is felt to make contact with the cable and then tighten one further turn using a spanner. An electrical earth will automatically be made against lead sheath, or tape armour cable through the star washer (3).

N.B. "PB" version shown

5. Tighten the outer seal nut (8) until the outer seal (7) contacts the cable and then tighten one full turn further using a spanner. Tighten the lock ring (4) against the entry item. This completes the installation.