



TECHNICAL DATA

CABLE GLAND TYPE : BW
 DESIGN STANDARDS : BS6121:1989
 PROCESS CONTROL SYSTEM : BS EN ISO 9001

INSTALLATION INSTRUCTIONS

Installation should only be performed by a competent person using the correct tools. 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 | Shroud *

INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPE BW

FOR TERMINATION OF CABLES WITH SINGLE WIRE ARMOUR (SWA) FOR INDOOR USE

CABLE GLAND TYPE BW



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" (Without Shroud)	Combined Ordering Reference (*Brass Metric)			Cable Gland Only Weight (Kgs)
	Metric	Thread Length (Metric) "E"			Max	Max				Min	Max	Max	
20S	M20	10.0	11.7	15.8	0.8	1.25	22.0	24.2	18.5	20S	BWLSF	2RA	0.052
20	M20	10.0	14.0	21.1	0.8	1.25	28.0	30.8	22.5	20	BWLSF	2RA	0.088
25	M25	10.0	20.0	27.2	1.25	1.6	33.0	36.3	21.5	25	BWLSF	2RA	0.110
32	M32	10.0	26.3	34.1	1.6	2.0	41.0	45.1	22.5	32	BWLSF	2RA	0.149
40	M40	15.0	32.2	42.4	1.6	2.0	50.0	55.0	30.0	40	BWLSF	2RA	0.316
50S	M50	15.0	38.2	50.1	2.0	2.5	57.1	62.8	30.0	50S	BWLSF	2RA	0.468
50	M50	15.0	44.1	55.7	2.0	2.5	65.0	71.5	32.0	50	BWLSF	2RA	0.477
63S	M63	15.0	50.0	62.4	2.0	2.5	75.0	82.5	41.3	63S	BWLSF	2RA	0.632
63	M63	15.0	56.0	68.2	2.0	2.5	79.0	86.9	41.3	63	BWLSF	2RA	0.890
75S	M75	15.0	62.0	76.8	2.0	2.5	89.0	97.9	47.6	75S	BWLSF	2RA	1.268
75	M75	15.0	68.0	82.9	2.5	3.0	95.0	104.5	49.6	75	BWLSF	2RA	1.400

**For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass 'S'*

Examples: 32BWLSF1RA5 = Nickel Plated Brass

Dimensions are displayed in millimetres unless otherwise stated

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available for the full range on request. + Alternative armour clamping range available for non-standard armour sizes. Marine Approvals including Lloyds & ABS are also available from CMP Products.



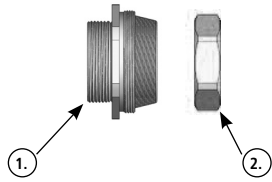
Glasshouse Street • St. Peters • Newcastle upon Tyne • NE6 1BS
 Tel: +44 191 265 7411 • Fax: +44 1670 715 646
 E-Mail: customerservices@cmp-products.co.uk • Web: www.cmp-products.com



INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPES BW

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

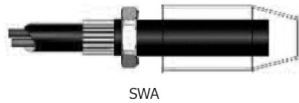
- 1. Entry Component
- 2. NUT



PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

1. 1. Separate components (1), and (2). If required, fit a shroud over the cable outer sheath. Prepare the cable by removing the cable outer sheath and the braid/armour to suit the geometry of the equipment. Remove a further 18mm (max) of outer sheath to expose the armour. If applicable remove any tapes or wrappings to expose the inner sheath.

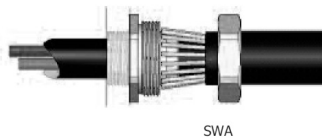
NOTE: On maximum size cables the clamping ring may only pass over the armour.



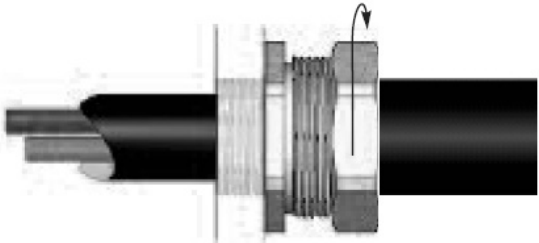
2. Secure the Entry Component (1) into the equipment as indicated.



3. Pass the cable through the entry item and evenly space the braid/armour around the cone.



4. While continuing to push the cable forward to maintain contact between the armour and the cone, tighten the Nut (2) by hand to engage the armour. Hold the Entry Component (1) with a spanner and tighten the Nut (2) using a spanner until the armour is secured.



5. The installation is now complete.

