



A robust and simple design for applications using SWA or AWA cable in a heavy industrial environment which is exposed to dust or extreme weather conditions. All cable glands can be supplied with a shroud, lock nut, serrated washer and an earth tag.

Cable Gland Selection Table										
Size Ref.	Entry Thread Size 'T'			Cable Acceptance Details					Hexagon Dimensions	
	Metric	NPT* Standard or Option	Length of Thread (mm) 'L'	Inner Sheath 'A'	Outer Sheath 'B'		Armour 'C'	'G'	Across Flats	Across Corners
					Min	Max				
Os	M20 ²	½"	10	8.0	6.5	16.0	0.8/1.25	49.0	24.0	26.5
O	M20 ²	½"	10	11.9	6.5	16.0	0.8/1.25	49.0	24.0	26.5
A	M20	¾" or ½"	10	14.3	11.5	20.9	0.8/1.25	49.0	30.0	32.5
B	M25	1" or ¾"	10	20.2	17.0	27.2	1.25/1.6	52.0	36.0	39.5
C	M32	1¼" or 1"	10	26.5	23.5	33.6	1.6/2.0	60.0	46.0	50.5
C2	M40	1½" or 1¼"	15	32.5	31.0	43.0	1.6/2.0	63.0	55.0	60.6
D	M50	2" or 1½"	15	44.4/42.3 ¹	36.0	52.6	2.0/2.5	70.0	65.0	70.8
E	M63	2½" or 2"	15	56.3/54.3 ¹	52.0	65.3	2.0/2.5	76.0	80.0	88.0
F	M75	3" or 2½"	15	68.2/65.3 ¹	64.0	78.0	2.0/2.5	76.0	95.0	104.0

'T' - metric entry threads are 1.5mm pitch as standard. All dimensions in millimetres (except * where dimensions are in inches).

¹ Smaller value is applicable when selecting reduced NPT entry option ² Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner sheath diameter is 10.9mm

Technical Data	
Construction and Test Standards	BS EN 62444:2013 BS6121: Part 1 type CW
Ingress Protection	IP66 IEC/EN 60529
Material	Brass (standard), Nickel Plated Brass, 316L Stainless Steel with Neoprene Seal
Operating Temperature	Range: -60°C to +100°C
Clamping Arrangement	Two part armour clamp, single compression seal
Earth	Electrical continuity using the armour wire termination (SWA, AWA)
Cable Type HICW	Single Wire Armour SWA and AWA
Cable Type H1CX	Braid Wire Armour, Pliable Wire Armour (PWA), Steel Tape Armour (STA)
Kit Information	Stand kit also available with a low smoke option. Use STD for Standard kit or LSF for low smoke
Assembly Instructions	AI 506

Features
• Simple robust 4 piece single compression cable gland
• Simple mechanical clamping arrangement for all SWA and AWA cable
• Ease of assembly
• High quality materials with exceptional anti corrosion properties
• UV stable seal
• Tested to the latest industrial standards
• Excellent sealing range
• EMC tested
• All hexagon parts are the same size
• Provides cable retention seal onto the cables Outer Sheath

Note: Displacement or Compression seals do not prevent cold flow. IP seal required to maintain IP66.