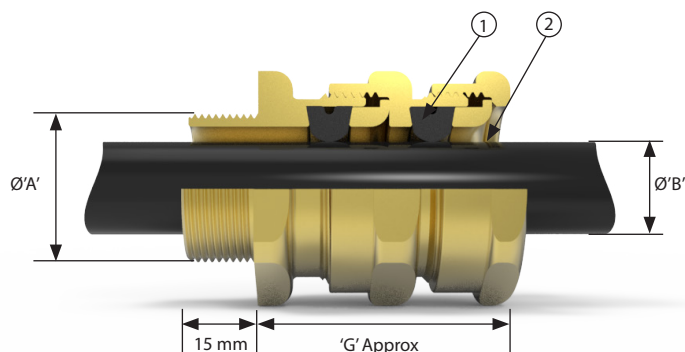




123

Industrial gland for indoor or outdoor use

International Approvals



- ① Elastomeric Exd flameproof seal on cable inner sheath
 ② Rounded Cable entry to prevent cable damage

The 123 dual seal industrial cable gland incorporates two independent seals and is intended for use on non-armoured elastomer and plastic insulated cables in indoor or outdoor applications. This cable gland may be used with braided cables where the braid and outer sheath pass into the enclosure. The braid must then be suitably terminated inside the enclosure. The two seals provide superior cable retention over standard unarmoured cable glands.
 See technical section for installation rules and regulations to be written and applied in this master excel file

Cable Gland Selection Table

Size Ref.	Entry Thread Size 'A'		Cable Acceptance Details				'G'	Hexagon Dimensions	
	Metric	NPT* Standard	Outer Sheath 'B'					Across Flats	Across Corners
			Standard Seal		Alternative Seal (S)				
			Min	Max	Min	Max			
Os	M20 ²	½"	3.2	8.0	—	—	40.0	24.0	26.5
O	M20 ²	½"	6.5	11.9	—	—	40.0	24.0	26.5
A	M20	¾" or ½"	10.0	14.3	9.0	13.4	43.0	30.0	32.5
B	M25	1" or ¾"	13.0	20.2	9.5	15.4	46.6	36.0	39.5
C	M32	1¼" or 1"	19.5	26.5	15.5	21.2	48.8	46.0	50.5
C2	M40	1½" or 1¼"	25.0	32.5	22.0	28.0	51.1	55.0	60.6
D	M50	2" or 1½"	31.5	44.4 / 42.3 ¹	27.5	34.8	67.7	65.0	70.8
E	M63	2½" or 2"	42.5	56.3 / 54.3 ¹	39.0	46.5	65.2	80.0	88.0
F	M75	3" or 2½"	54.5	68.2 / 65.3 ¹	49.5	58.3	67.5	95.0	104.0
G	M80	3½"	67.0	73.0	—	—	68.0	106.4	115.0
H	M90	3½"	67.0	77.6	—	—	68.0	115.0	130.0
J	M100	4"	75.0	91.6	—	—	68.0	127.0	142.0

All dimensions in millimetres (except * where dimensions are in inches). Os-F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For G size glands and above, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

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 outer sheath diameter is 10.9mm

Technical Data

Construction & Test Standards	BS EN 62444:2013, BS 6121: Part 1 Type A2
Ingress Protection	IP66, IP67 and IP68 (30 metres for 7 days) to IEC/EN 60529
Deluge Protection	Deluge Protection to DTS01
Operating Temperature	-60°C to +100°C

Ordering Information

Format for ordering is as follows: Alternative Seal (S), add suffix S to ordering information

Cable Gland Type	Size	Thread	(Optional)
123	C	M32	S
123	C	1¼" NPT	S

Order Example: 123 C M32 S