

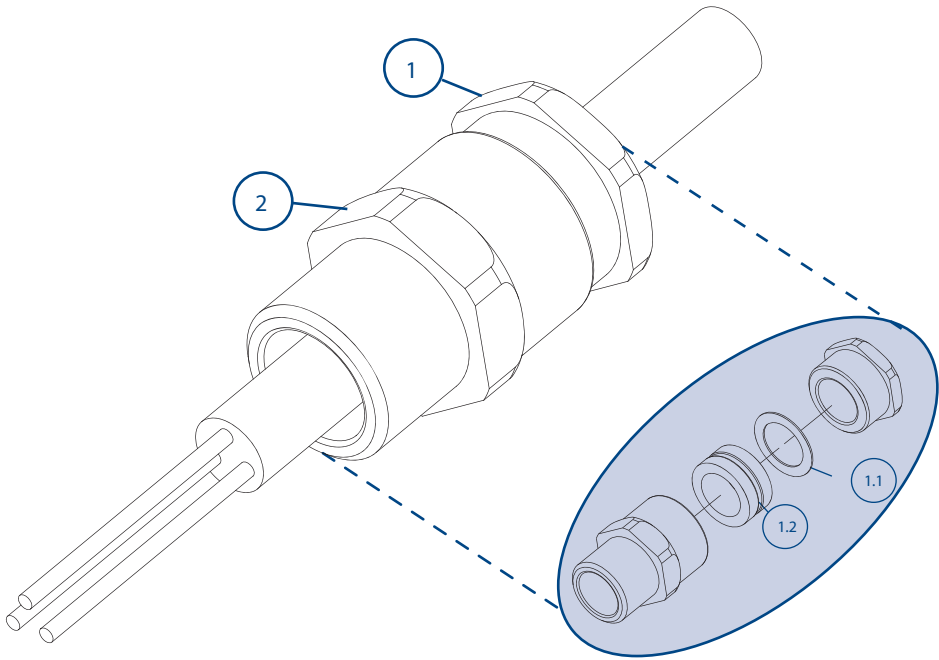
Assembly Instructions for cable gland: FMA2 Industrial

Operating temperature range -20°C +70°C

Certification Details

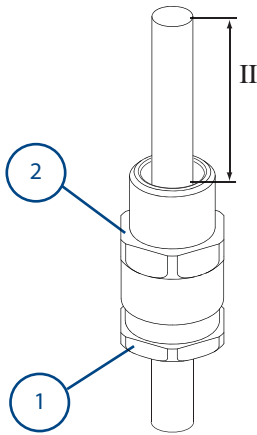
Gland Type: FMA2 Industrial Gland
Certified to Hawke Approved Drawings

**Suitable for use with circular
elastomeric and plastic insulated
unarmoured cables.**



- 1. Backnut
- 1.1 Skid Washer
- 1.2 Seal
- 2. Entry

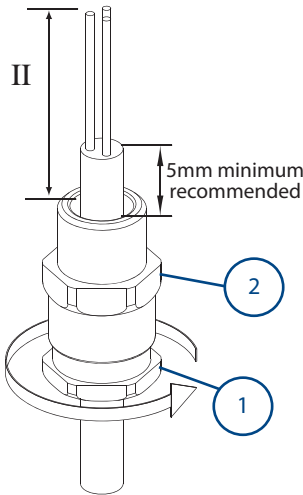
Cable Preparation



A
Allow sufficient length of cable, II, to suit equipment.
If required, fit shroud.
Pass cable through the cable gland as shown above.

Note : If the equipment has a threaded entry, it may be advisable to screw the cable gland into the equipment to prevent twisting of the cable after Step B

Gland Preparation



B
Unless already screwed into the equipment, hold the entry ② in position with a spanner/wrench to prevent rotation and tighten the backnut ① using a wrench/spanner until resistance is felt between the seal and cable. Then turn the back nut through a further half to one full turn to complete the inner seal. Locate the shroud over the cable gland, if applicable.

To ease wiring inside the equipment it may be beneficial to strip the outer sheath of the cable as shown above.

IMPORTANT: Support the cable to prevent it from twisting

Cable Gland Selection Table									
Size Ref.	Entry Thread Size		Cable Acceptance Details				Max Length	Hexagon Dimensions	
	Metric	Length of Thread (mm)	Outer Sheath					Across Flats	Across Corners
			Standard Seal		Alternative Seal (S)				
			Min.	Max.	Min.	Max.			
2K/Os	M16	10	3.2	8.0	---	---	28.3	19.0	21.2
O	M16	10	6.5	10.9	---	---	29.5	19.0	21.2
O	M20	10	6.5	11.9	---	---	29.9	24.0	26.5
A	M20	10	10.0	14.3	9.5	13.4	28.5	24.0	26.5
B	M25	10	13.0	20.2	9.5	15.4	35.2	32.0	36.0
C	M32	10	19.5	26.5	15.5	21.2	36.9	41.0	44.0
C2	M40	15	25.0	32.5	22.0	28.0	40.0	50.0	54.0
D	M50	15	31.5	44.4	27.5	34.8	48.6	60.0	66.0
E	M63	15	42.5	56.3	39.0	46.5	55.1	80.0	86.0
F	M75	15	54.5	68.2	49.5	58.3	55.1	95.0	102.0

SCHEDULE OF LIMITATIONS:

1. The cable glands are only suitable for use with fixed apparatus, the cable for which must be effectively clamped and cleated elsewhere.
2. This cable gland has an operating temperature range of -20°C to +70°C.
3. An additional seal must be formed between the equipment and cable gland to maintain the appropriate degree of protection against ingress of dust, solid objects and water.

ACCESSORIES:

Before cable gland assembly or stripping of the cable gland assembly, consideration should be given to any cable gland accessories that may be required, such as: -

- Locknut, to secure cable glands into position.
- Sealing washer, to offer additional ingress protection of the enclosure at the cable gland entry.
- Earthtag, to provide an external armour/braid bonding point.
- Serrated washer, to dampen any vibrations that may loosen the locknut or cable gland assembly.

EU Certificate of Conformity in accordance with European Directive 2014/35/EU
Manufacturer: Hawke International
Address: Oxford Street West, Ashton-under-Lyne, OL7 0NA, United Kingdom.

Equipment Type: FMA2 Industrial Gland

On behalf of the above named company, I declare that, on the date the equipment accompanied by this declaration is placed on the market, the equipment conforms with all technical and regulatory requirements of the above listed directives.

Standards used: EN 62444 : 2013



A. Tindall
Technical Manager