

**FM A2**

A fire resistant, robust and simple design for applications using non armoured cable in a heavy industrial, critical safety 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'	Length of Thread (mm) 'L'	Cable Acceptance Details		'G'	Hexagon Dimensions	
			Outer Sheath 'A'			Across Flats	Across Corners
	Standard Seal						
	Min		Max				
2K	M16	10	3.2	8.0	23.5	19.0	21.2
Os	M20¹	10	3.7	8.0	23.5	19.0	21.2
O	M20¹	10	6.5	11.9	23.5	24.0	26.5
A	M20	10	10.0	14.3	23.5	24.0	26.5
B	M25	10	13.0	20.2	28.0	32.0	36.0
C	M32	10	19.5	26.5	29.0	41.0	44.0
All dimensions in millimetres.							
¹T' - metric entry threads are 1.5mm pitch as standard.							

¹ 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

Fire Test

In accordance with BS EN50200:2006
(Resistance to fire with mechanical shock)

120mins at 830 (+40-0)°C
with mechanical shock and a rated voltage of 240v rms.

Fire test: In accordance with BS 8434-2:2003 +A2 2009
(Resistance to fire with mechanical shock and water spray)

120mins at 930 (+40-0)°C
with mechanical shock and a rated voltage of 240v rms.
(60 mins fire and shock and 60 mins fire, shock and water)

Technical Data

Construction and Test Standards	BS EN 62444:2013 BS6121: Part 1 type A2
Ingress Protection	IP66 IEC/EN 60529
Material	Nickel Plated Brass with Intumescent Rubber Seal
Operating Temperature	Range: -20°C to +70°C
Clamping Arrangement	Single compression seal
Cable Type	Non armoured
Kit Information	Intumescent sealing material used for FireMate versions
Assembly Instructions	AI 507

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

Features

- Provides a cable retention seal onto the cables outer sheath
- Simple robust single compression cable gland
- Ease of assembly
- High quality materials with exceptional anti corrosion properties
- UV stable seal
- Tested to the latest industrial standards
- Excellent sealing range