

FEATURES

- IP55 ingress protection
- UL 94 V2 for black and white cable glands
- For use with Non-armoured cable
- Supplied with locknut and sealing washer
- Cable clamping sizes from 4 mm to 13 mm

RS PRO M20 Cable Gland with Locknut, Plastic, IP55

RS Stock No.: 127-647



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From the trusted RS PRO brand, a range of IP55 metric thread cable glands for use with unarmoured cable. The hexagon shaped glands offer excellent cable retention and optimal strain relief ensuring a secure termination is maintained. The RS PRO compression type cable glands are constructed from LSF (Low Smoke and Fume) Polymeric materials conforming to UL94 V2 and U94 V0 (red versions only) standards. With a choice of M16 and M20 threads and various cable clamping sizes, the RS PRO range of hexagon glands offers electrical engineers a reliable solution for numerous applications.

General Specifications

Thread Size	M20
Material	Plastic
Colour	Black
Fire Behaviour	Low Smoke & Fume (LSF)
Locknut Included	Yes
Cable type	Unarmoured
Application	Robotics, Moving machine parts, Electrical Installations, Lighting

Mechanical Specifications

Maximum Cable Diameter	7mm
Minimum Cable Diameter	4mm
Thread Length	11mm
Protrusion Length	27mm
Width Across Flats	19mm
Envelope Diameter	25.4mm
Sealing Area	Cable Outer Sheath

Operation Environment Specifications

Minimum Operating Temperature	-20°C
Maximum Operating Temperature	80°C
Operating Temperature Range	-20°C to 80°C

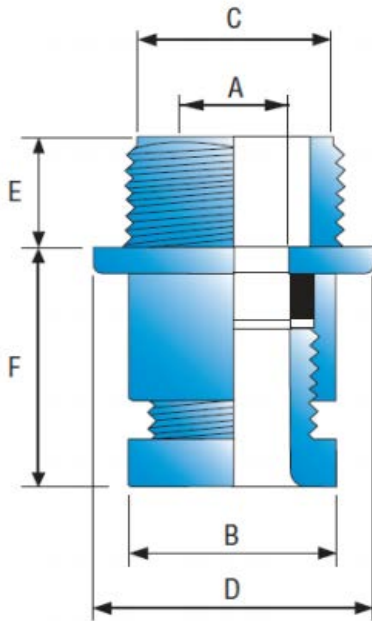
Protection Category

IP Rating	IP55
------------------	------

Approvals

Compliance/Certifications	EN 61340
Standards Met	EN 60423, UL 94 V-2





Cable Gland Selection Table

Standard Cable Gland Range								
Ordering Reference	Body Size	Thread Diameter 'C'	Min Thread Length 'E'	Overall Cable Diameter 'A'		Protrusion Length 'F'	Across Flats 'B'	Envelope Diameter 'D'
				Min	Max		Max	
A2 - 248 - X	16	M16	11.0	4.0	7.0	24.0	19.0	22.5
A2 - 250 - X	16	M16	11.0	7.0	10.5	24.0	19.0	22.5
A2 - 249 - X	16	M20	11.0	4.0	7.0	27.0	19.0	25.4
A2 - 251 - X	16	M20	11.0	7.0	10.5	27.0	19.0	25.4
A2 - 252 - X	20	M20	11.0	8.0	13.0	31.0	22.5	26.8
A2 - 264 - X	20	M25	11.0	4.0	7.0	31.0	23.0	32.5
A2 - 265 - X	20	M25	11.0	7.0	10.5	31.0	23.0	32.5
A2 - 253 - X	20	M25	11.0	8.0	13.0	31.0	23.0	32.5
A2 - 254 - X	25	M25	11.0	13.0	18.0	32.5	28.0	32.5
A2 - 255 - X	32	M32	13.0	18.0	24.5	38.0	36.0	42.0

All dimensions in millimetres