FEATURES

- IP68 ingress protection rating

- -25 to + 85°C temperature range

- Robust Nylon 66 outer shell

- High-performance PPS insert

- Gold plated brass contacts

- Screw termination, ideal for field applications

- Easy to assemble – no special tooling required

- V-0 fire rating

- 7 mm to 12 mm o/d cable acceptance

- 2, 3 and 5 pole variants

RS PRO Screw Circular Connector, 2 Contacts, Cable Mount, IP68

RS Stock No.: 124-6686

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 RS Pro, a range of threaded circular connectors designed for industrial applications. The IP68 fully sealed cable mount plugs provide a secure, watertight connection. With a knurled locking ring the versatile cable mount plugs are easily mated with cable sockets for in-line cable to cable connections. Alternatively, the cable mount plugs can be mated with panel mount sockets for cable to panel connections. The RS Pro range of sealed circular connectors features screw terminals, and require no additional specialist tooling. This makes them ideal for field applications or areas that require regular maintenance.
• 124-6686 is a 2 pole cable mount plug and mates with 124-6664 in-line socket or 124-6671 panel socket
• 124-6687 is a 3 pole cable mount plug and mates with 124-6665 in-line socket or 124-6672 panel socket
• 124-6688 is a 5 pole cable mount plug and mates with 124-6666 in-line socket or 124-6673 panel socket

General Specifications

Number of Contacts	2
Housing Material	Polymer
Contact Material	Brass
Contact Plating	Gold
Pole Format	2P
Contact Gender	Male
Mating Type	Threaded
Body Orientation	Straight
Mating Cycles	>500
Shell material	Nylon66, fire resistance: V-0
Colour	Black/Blue
Application	Marine, Automotive

Electrical Specifications

Plug/Socket	Plug
Current Rating	25.0A
Voltage Rating	500.0 V
Insulation Resistance	2000MΩ

Mechanical Specifications

Connector Size	Standard
Termination Method	Screw
Mounting Type	Cable Mount
Panel Cut-Out	21mm
Contact Diameter	7mm to 12mm

Operation Environment Specifications

Operating Temperature	-25^{0}C to 85^{0}C

Protection Category

IP Rating	IP68

Approvals

Compliance/Certifications	ANSI/ESD S20.20:2014, BS EN 61340-5-1:2007

Ø 29.3

65

Cable outer diameter range

7-12mm