

FEATURES

- **IP68 Rating:** Provides excellent protection against dust and water ingress, ensuring durability in harsh conditions
- **Gold-Plated Brass Contacts:** Offers superior conductivity and resistance to corrosion, enhancing performance and longevity
- **Threaded Mating Type:** Ensures secure and stable connections, reducing the risk of accidental disconnection
- **Wide Operating Temperature Range:** Operates effectively from -40 °C to 85 °C, suitable for various environmental conditions
- **Screw Termination:** Facilitates easy and reliable installation, saving time during setup
- **4 Pin Configuration:** Supports multiple connections, increasing versatility in application

RS PRO SP25 Circular Connector, 4 Pin

RS Stock No: 672-243



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

The RS PRO SP25 Circular Connector is designed for robust and reliable connections in demanding environments. This versatile connector is suitable for both plug and socket configurations, making it ideal for a wide range of industrial applications. With a high current capacity of 10 A and a voltage rating of 500 V, it ensures efficient power transmission.

General Specifications

Contact Gender	Female/Male
Contact Material	Brass Alloy
Contact Plating	Gold
Mating Type	Threaded
Number of Contacts	4
Orientation	Straight
Product Type	Circular Connector
Connector Size	SP25
Current	10 A
Housing Material	66 Nylon, Polycarbonate
Termination Type	Screw

Protection Category

IP Rating	IP68
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Operation Environment Specifications

Maximum Operating Temperature	85 °C
Minimum Operating Temperature	-40 °C

Mechanical Specifications

Mount Type	Screw
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Electrical Specifications

Plug/Socket	Plug, Socket
Pole Format	4 Pin
Voltage	500 V

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021, CE, RoHS
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