

## FEATURES

- **IP67 Rating:** Ensures protection against dust and water ingress, making it suitable for harsh environments
- **Bayonet Mating Type:** Provides a secure and quick connection, reducing installation time
- **Gold-Plated Brass Contacts:** Enhances conductivity and corrosion resistance, ensuring long-term reliability
- **Wide Operating Temperature Range:** Functions effectively from -20 °C to 70 °C, suitable for various climates
- **Screw Termination:** Allows for easy and secure wiring connections
- **3 Pin Pole Format:** Supports multiple connection configurations
- **Durable Housing Materials:** Constructed from 66 Nylon and Polycarbonate for enhanced durability

## RS PRO SY25 Circular Connector, 3 Pin

RS Stock No: 672-249



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 SY25 Circular Connector is designed for reliable and secure connections in demanding environments. With a robust construction and versatile design, it is ideal for industrial applications requiring a durable and efficient connector solution.

## General Specifications

Contact Gender	Female/Male
Contact Material	Brass
Contact Plating	Gold
Mating Type	Bayonet
Number of Contacts	3
Orientation	Straight
Product Type	Circular Connector
Connector Size	SY25
Current	10 A
Housing Material	66 Nylon, Polycarbonate
Termination Type	Screw

## Protection Category

IP Rating	IP67
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## Operation Environment Specifications

Maximum Operating Temperature	70 °C
Minimum Operating Temperature	-20 °C

## Mechanical Specifications

Mount Type	Solder
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## Electrical Specifications

Plug/Socket	Plug, Socket
Pole Format	3 Pin
Voltage	500 V

## Approvals

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