

Features

- Waterproof IP67 rating guarantees protection against extended immersion under higher pressures
- Voltage rating of 125V AC/DC
- Current rating of 4A
- Gold-plated brass contacts for corrosion resistance
- Threaded mating type
- Operating temperature range from -25°C to 80°C
- Nickel plated brass shell

RS PRO Female M9 3 Pin Connector

RS Stock No.: 0124631



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Product Description

The 3 pin female M9 metal front mount socket connector had been widely used for automotive and sensor application, it's unshielded.

General Specifications

Number of Contacts	3
Shielding	unshielded
Housing Material	Brass
Contact Material	Phosphor copper
Contact Plating	Gold
Pole Format	3 pin
Contact Gender	Female
Mating Type	Threaded
Body Orientation	Straight
Mating Cycles	500
Typical conductor size	24AWG
Application	Sensor, automation

Electrical Specifications

Plug/Socket	Socket
Current Rating	4A
Voltage Rating	125V AC/DC
Insulation Resistance	≥100MΩ

Mechanical Specifications

Connector Size	Standard
Termination Method	Solder
Mounting Type	Panel mount
Panel Cut-Out	φ12.1mm
Contact Diameter	24AWG

Operation Environment Specifications

Operating Temperature	-25°C to 80°C
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Protection Category

IP Rating	IP67
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Approvals

Compliance/Certifications	CE, RoHS, REACH, IP67
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