

## Features

- Waterproof IP67 rating guarantees protection against extended immersion under higher pressures
- External cable diameter 6mm
- Voltage rating of 60V AC/32V DC
- Current rating of 3A
- Gold-plated brass contacts for corrosion resistance
- Threaded mating type
- Operating temperature range from -25°C to 80°C
- PA66 black shell
- Conforms to standards IEC 61076-2-106

## RS PRO Female M16 12 Pin Connector

RS Stock No.: 0132106



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

The 12 pin female M16 plastic field wireable connector had been widely used for automotive and sensor application, it's unshielded.

## General Specifications

Number of Contacts	12
Shielding	unshielded
Housing Material	PA66
Contact Material	Phosphor copper
Contact Plating	Gold
Pole Format	12 pin
Contact Gender	Female
Mating Type	Threaded
Body Orientation	Straight
Mating Cycles	500
Cable limits	6mm OD
Typical conductor size	24AWG
Application	Sensor, automation

Plug/Socket	Plug
Current Rating	3A
Voltage Rating	60V AC/32V DC
Insulation Resistance	$\geq 100\text{M}\Omega$

## Mechanical Specifications

Connector Size	Standard
Termination Method	Solder
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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