

Features

- Waterproof IP67 rating guarantees protection against extended immersion under higher pressures
- External cable diameter 4~6mm
- Voltage rating of 30V AC/DC
- Current rating of 1.5A
- 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 61076-2-101

RS PRO Female M12 12 Pin A-code Connector

RS Stock No.: 0134183



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 A-code female M12 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	4-6mm OD
Typical conductor size	26AWG
Application	Sensor, automation

Plug/Socket	Plug
Current Rating	1.5A
Voltage Rating	30V AC/DC
Insulation Resistance	$\geq 100\text{M}\Omega$

Mechanical Specifications

Connector Size	Standard
Termination Method	Solder
Contact Diameter	26AWG

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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