

Features

- Cable gland PG5
- Coupling Nut is Brass Nickel-plated
- Gold contact plating
- Grip material Nylon66
- Insulation Resistance $\geq 100\text{Mohm}$
- O-ring Neoprene
- Temperature ranges between -25°C and 75°C
- Termination screw Type

RS PRO M8 Female Right Angle 3 Pin Screw Type Connector

RS Stock No.: 186-3080



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

RS PRO Cable Mount Connector

The RS PRO M8 male cable mount connector has a voltage rating of 30V and current rating of 3A. The connector is commonly used in automation and sensory equipment. It has 3 contacts and 3P pole format.

Features and Benefits

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Certifications:

IP67

UKCA Certified

RoHS

REACH Certified

General Specifications

Number of Contacts	3
Coding	A
Housing Material	Brass Ni plated
Contact Material	Brass
Contact Plating	Gold Flash
Gender	Male
Pole Format	3
Contact Gender	Male
Mating Type	Threaded
Body Orientation	Right Angle
Contact Carrier	Nylon 66
O-Ring	Neoprene
Mating Cycles	>10,000
Shell material	Nylon66
Colour	Black
Connector type	Screw Type
Application	

Electrical Specifications

Plug/Socket	Plug
Current Rating	3A

Voltage Rating	60V
Insulation Resistance	$\geq 100M\Omega$
Contact Resistance	100m Ω Max

Mechanical Specifications

Connector Size	M08
Termination Method	Pre-Wired
Shell Size	M08X1
Mounting Type	Free Hanging

Operation Environment Specifications

Operating Temperature	-25°C to 75°C
Pollution Degree	3

Protection Category

IP Rating	IP67
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Approvals

Compliance/Certifications	CE / UKCA / REACH / RoHS / IEC 61076-2-104
Declarations	RoHS: Compliant with Exemption , 6©: Copper alloy containing up to 4 % lead by weight REACH SVHC substances: Yes, CAS 7439-92-1 (Lead)

Similar Products

Parameters	186-3080	186-3079	186-3081	186-3078
Number of Contacts	3	4	3	4
Coding	A	A	A	A
Housing Material	PA66	PA66	PA66	PA66
Contact Material	PA66	PA66	PA66	PA66
Contact Plating	Glod Flash	Glod Flash	Glod Flash	Glod Flash
Plug/Socket	Plug	Plug	Plug	Plug
Current Rating	3A	3A	3A	3A
Voltage Rating	60V	30V	60V	30V
Insulation Resistance	$\geq 100M\Omega$	$\geq 100M\Omega$	$\geq 100M\Omega$	$\geq 100M\Omega$
Contact Resistance	100m Ω Max	100m Ω Max	100m Ω Max	100m Ω Max
Pole Format	Male	Male	Male	Male

Contact Gender	Male	Male	Male	Male
Mating Type	Threaded	Threaded	Threaded	Threaded
Body Orientation	Right Angle	Right Angle	Straight	Straight
Contact Carrier	PA66	PA66	PA66	PA66
O-Ring	Neoprene	Neoprene	Neoprene	Neoprene
Connector Size	M8X1	M8X1	M8X1	M8X1
Termination Method	Screw Type	Screw Type	Screw Type	Screw Type
Shell Size	M8X1	M8X1	M8X1	M8X1
Contact Diameter	1mm	1mm	1mm	1mm

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories

