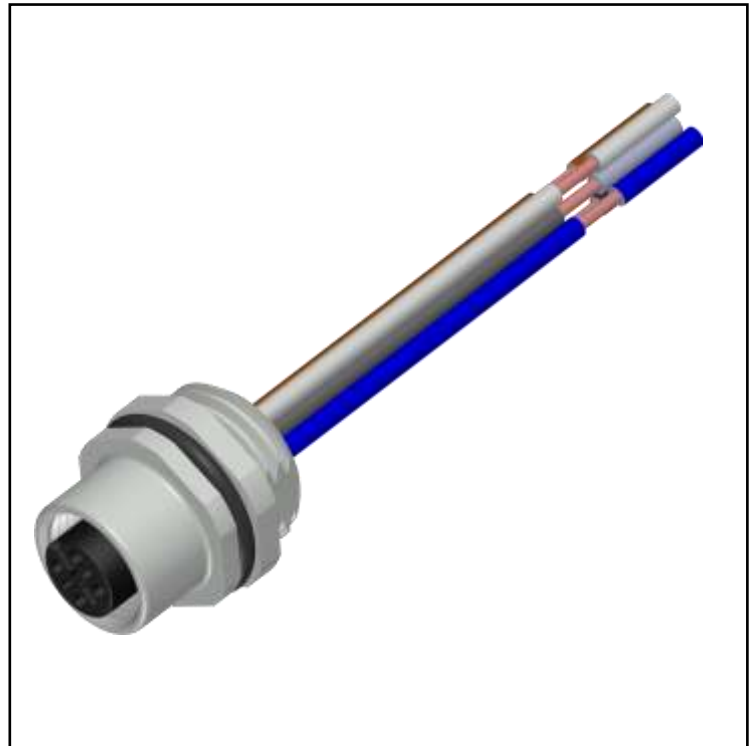## FEATURES

- IP67

- Pre-wired with 100, 200, 300, or 400 mm or customised length cable partially stripped cable

- Front/ screw mounting with M16 thread

RS PRO M12 FEMALE FRONT PANEL MOUNT CONNECTOR 4 PIN 16X1.5 mm THREAD WITH 500 mm TPE CABLE

RS Stock No.: 2080577

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.

M12 Connector M16 Clamp Nut

A series of RS Pro M12 panel-mounted connectors. Each connector within this range is supplied with a partially stripped 100 mm, 200 mm or 300 mm or customised length cable, making it perfect for your application. With IP67 rating and a durable nickel plated brass housing material, each connector is excellent within harsh environments. All models are highly reliable and excellent quality.

Features & Benefits

Contact Plating: Gold plated Supplied with a neoprene O-Ring
Number of poles: 4
Both Female and Male versions available

Applications

The RS PRO series of M12 panel mount connectors are generally used in industrial applications. They are typically used when connecting to sensors and actuators. Some of the most popular areas are

• Instrumentation
• Process control
• Robotics
• Assembly lines
• Factory automation
• Industrial automation

General Specifications

Rated Operational Voltage	250 V
Current Rating	4A
Insulation Resistance	>= 100 MΩ
Temperature Range	-25°C ... +75°C
Mounting	Front (M16 x 1.5)
Coding	A-Coded

Material Specifications

Housing Material	Brass Ni Plated
Contact	Cu-Zn
Contact Plating	Gold Flash
Contact Carrier	Nylon 66

O-Ring	Neoprene
Pole	4
Clamp Nut	M16 x 1.5

Cable Specifications

Cable Length-L	500 mm
Cable Type	4 Core TPE Cable
Cross Section of Wire	0.34 sq.mm
Termination	Partially Stripped

Protection Category

Degree of Protection	IP67

Additional Information

Custom Tariff Number	85369090

Approvals

Standards Met	IEC 61076-2-101

Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2
144-7600	RS PRO	RS PRO M12 Panel Connector Front 4 Pin 300mm Cable	M12 4 Pin Female Bulk Head Connector	M12 Receptacles

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories
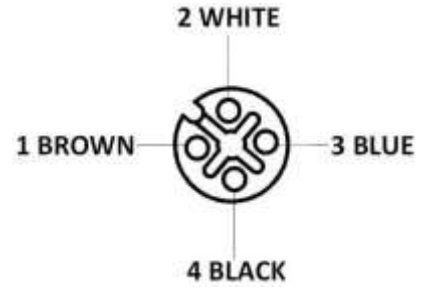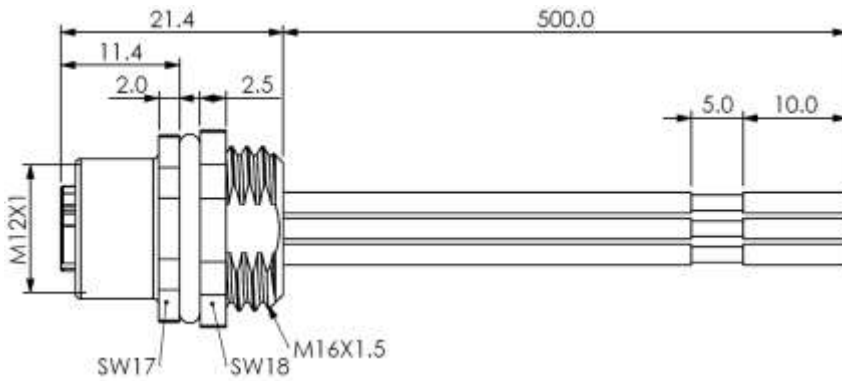
All Dimensions are in mm.

Panel Cutout