

## FEATURES

- Insulation Resistance  $\geq$  100 M $\Omega$
- Neoprene O-Ring
- Brass nickel plated coupling nut

# RS PRO M12 FEMALE STRAIGHT TO MALE STRAIGHT 8 PIN 8 WIRE 5m 0.25 sq. mm PVC SHIELDED CABLE

RS Stock No.: 2500708



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.

## Product Description

### ATTRIBUTE 1

## M12 Connector Cable Assembly

Brought to you under the trusted RS Brand, this range of M12 connector cable assemblies are commonly used in sensor and automation equipment. Fitted with a secure coupling nut, these RS M12 cable assemblies are an ideal solution for when reliable data transference is needed.

The M12 connector boasts a high degree of environmental protection, and is ideal for industrial use, with applications ranging from process control to commercial electronics.

### Features and Benefits:

- Insulation Resistance  $\geq 100 \text{ M}\Omega$
- Neoprene O-Ring
- Brass nickel plated coupling nut

## General Specifications

Rated Operational Voltage	30 V
Current Rating	2A
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Temperature Range	-25°C ... +75°C
Tightening Torque	0.6 Nm
Coding	A-Coded

## Material Specifications

Grip Material	PU
Contact	Cu-Zn
Contact Plating	Gold Flash
Contact Carrier	Nylon 66
O-Ring	Neoprene
Grip Color	Black
Coupling Nut	Brass Nickel-Plated

## Cable Specifications

Cable Length-L	5 m
Cable Type	8 Core PVC Shielded Multi Strand
Sheath Color	Black

# RS PRO M12 FEMALE TO MALE CONNECTOR



Cross Section of Wire	0.25 sq. mm
Core Dia	1.3 mm
Cable Dia	6.0 ± 0.1 mm
Shield Details	Braiding (80%)

## Protection Category

Degree of Protection	IP67
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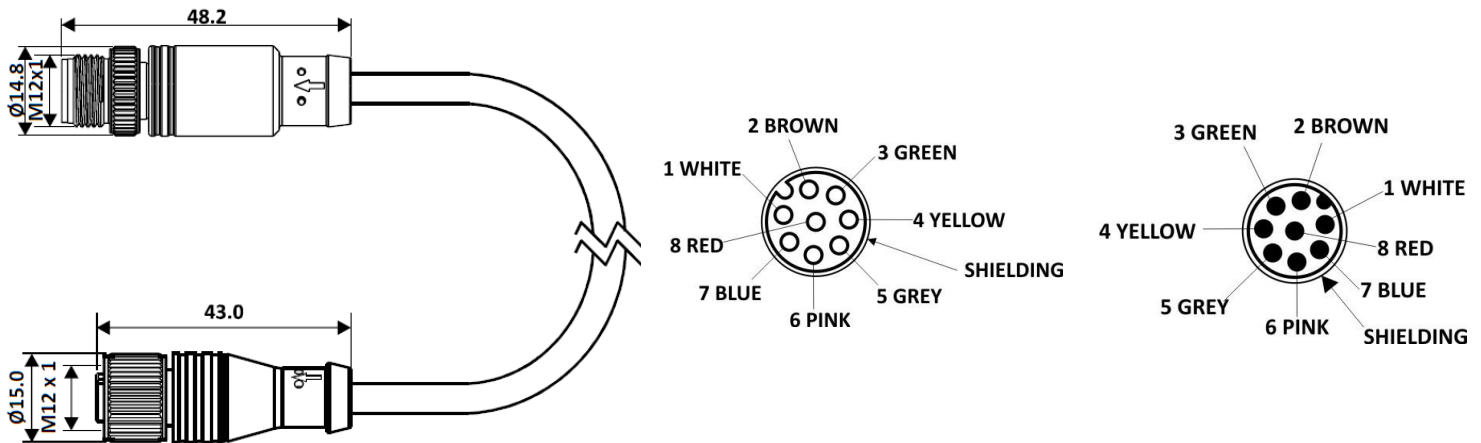
## Additional Information

Custom Tariff Number	85369090
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## Approvals

Standards Met	IEC 61076-2-101
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## Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



All Dimensions are in mm.