

## FEATURES

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

# RS PRO M12 FEMALE STRAIGHT TO MALE STRAIGHT 5 PIN 5 WIRE 2m 0.34 sq. mm PVC SHIELDED CABLE

RS Stock No.: 2500689



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 | 60 V                       |
| Current Rating            | 4A                         |
| 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 | 2 m                              |
| Cable Type     | 5 Core PVC Shielded Multi Strand |
| Sheath Color   | Black                            |

# RS PRO M12 FEMALE TO MALE CONNECTOR



|                       |  |
|-----------------------|--|
| Cross Section of Wire | 0.34 sq. mm  |
| Core Dia              | 1.35 mm  |
| Cable Dia             | 5.3 ± 0.1 mm   |
| Shield Details        | Polyester Tape (12 x 0.025 MIC)<br>Braiding (24 x 4 x 0.12 mm) |

## Protection Category

|                      |      |
|----------------------|------|
| Degree of Protection | IP67 |
|----------------------|------|

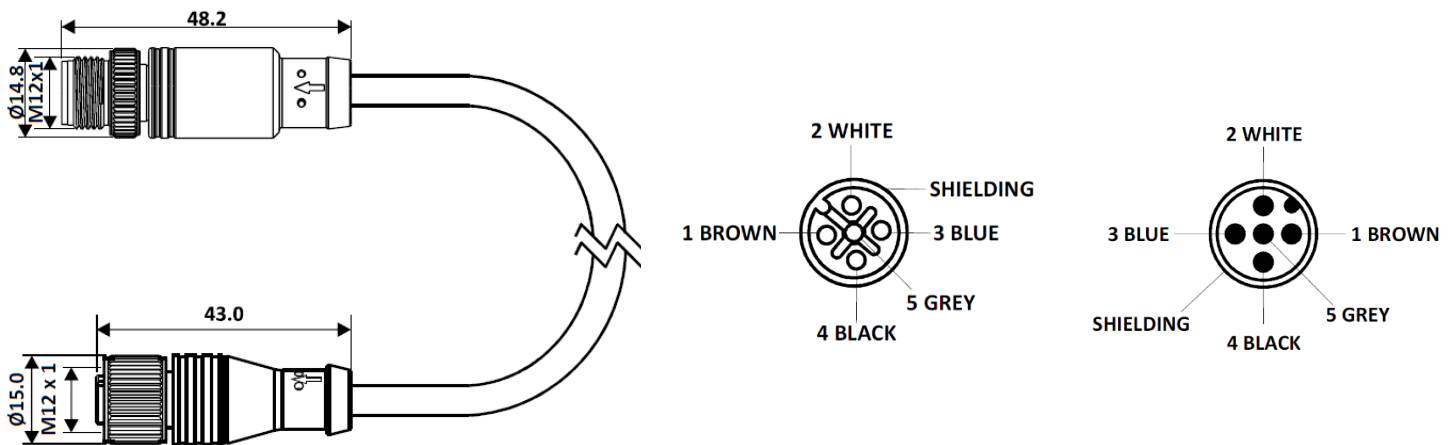
## Additional Information

|                      |          |
|----------------------|----------|
| Custom Tariff Number | 85369090 |
|----------------------|----------|

## Approvals

|               |                 |
|---------------|-----------------|
| Standards Met | IEC 61076-2-101 |
|---------------|-----------------|

## Connection Diagrams / Assembly Diagrams / Illustrations / Accessories



All Dimensions are in mm.