Connecting Components

Features

- Waterproof IP67 rating guarantees protection against extended immersion under higher pressures
- Cable out diameter 6.0 mm
- Voltage rating of 30V
- Current rating of 1.5A
- Gold-plated brass/bronze contacts for corrosion resistance
- Threaded mating type
- Operating temperature range from -25°C to 80°C
- Gold contact plating
- PUR cable jacket
- 10M length
- Conforms to standards IEC 61076-2-101, Industry 4.0 agreement, NEMA2000

RS PRO Male to Female M12 12 Pin Cable

RS Stock No.: 2825427



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.

Connecting Components

Product Description

The 12 pin male to female M12 cable had been widely used for automative and sensor application, it's unshielded.

General Specifications

Number of Contacts	12
Shielding	Unshielded
Housing Material	PUR
Contact Material	Brass/Bronze
Contact Plating	Gold
Pole Format	12P
Contact Gender	Male to Female
Mating Type	Threaded
Body Orientation	Straight
Mating Cycles	500
Cable Jacket	PUR
Color	Black
Application	Marine, Automotive

Electrical Specifications

Plug/Socket	Plug
Current Rating	1.5A
Voltage Rating	30V
Insulation Resistance	≥100MΩ

Connecting Components

Mechanical Specifications

Connector Size	Standard
Termination Method	/
Mounting Type	Moulded cable
Panel Cut-Out	/
Contact Diameter	26AWG

Operation Environment Specifications

Operating Temperature	-25℃ to 80℃

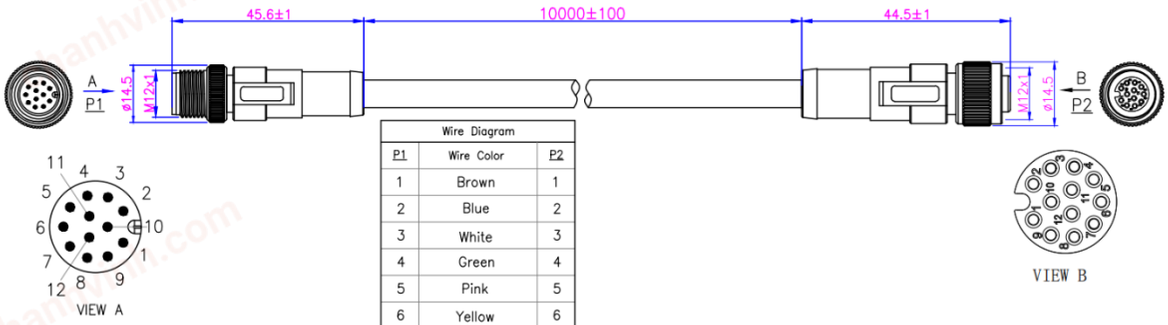
Protection Category

IP Rating	IP67

Approvals

Compliance/Certifications	CE, RoHS, REACH, IP67, UL(cable only)

Dimensions in mm



Wire Diagram		
P1	Wire Color	P2
1	Brown	1
2	Blue	2
3	White	3
4	Green	4
5	Pink	5
6	Yellow	6
7	Black	7
8	Gray	8
9	Red	9
10	Violet	10
11	Orange	11
12	Light Green	12