

# M12 Circular Connector



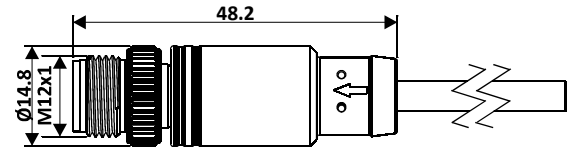
## M12 Male Straight 17 Pin Connector

### Product Image



Product may differ from image.

### Product Diagram

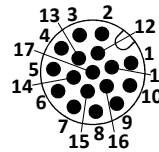


All dimensions are in mm.

### General Specification

Rated Operational Voltage	30 V
Current Rating	1.5A
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Temperature Range	-25°C ... +75°C
Tightening Torque	0.6 Nm
Degree of Protection	IP67
Coding	A-Coded

### Pin Assignment



Pin No.	Description	Pin No.	Description
1	Brown	10	Violet
2	Blue	11	Grey / Pink
3	White	12	Red / Blue
4	Green	13	White / Green
5	Pink	14	Brown / Green
6	Yellow	15	White / Yellow
7	Black	16	Yellow / Brown
8	Grey	17	White / Grey
9	Red		

### Material Specification

Grip Material	PU
Contact	Cu-Zn
Contact Plating	Gold Flash
Contact Carrier	Nylon 66
Grip Colour	Black
Coupling Nut	Brass Nickel-Plated

### Specification & Approval

RoHS	Compliant with Exemption
RoHS exemption	6Ⓞ: Copper alloy containing up to 4 % lead by weight
REACH SVHC substances	Yes
REACH SVHC substances	CAS 7439-92-1 (Lead)
CE	Yes
Standard	IEC 61076-2-101

### Cable Specification

Cable Length-L	2 m
Cable Type	17 Core PVC Multi Strand
Sheath Colour	Black
Cross Section of Wire	0.14 sq. mm
Core Dia	1.0 mm
Cable Dia	6.5 ± 0.2 mm
Termination	Partially Stripped

### Ordering Part No.

Cable Length	Part Number
2 m	CBM12-S17N0-02BPVC
3 m	CBM12-S17N0-03BPVC
5 m	CBM12-S17N0-05BPVC
10 m	CBM12-S17N0-10BPVC
15 m	CBM12-S17N0-15BPVC

\*Please contact factory for customized cable lengths.

