

M12 Circular Connector



M12 D-Coded Female to Male Straight 4 Pin Connector

Product Image



Product may differ from image.

General Specification

Rated Operational Voltage	250 V
Current Rating	4A
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Temperature Range	$-25^{\circ}\text{C} \dots +75^{\circ}\text{C}$
Tightening Torque	0.6 Nm
Degree of Protection	IP67
Coding	D-coded

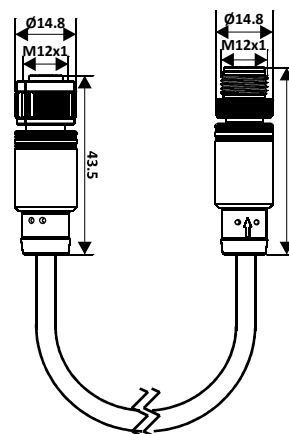
Material Specification

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

Cable Specification

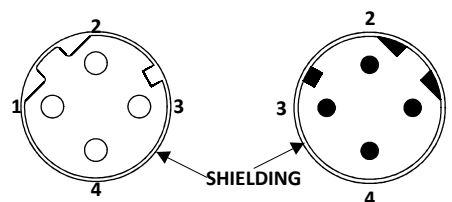
Cable Length-L	2 m
Cable Type	Cat5e PUR (2 x 2 Twisted Pair)
Sheath Colour	Teal
Cross Section of Wire	AWG 24
Cable Dia	$6.2 \pm 0.3 \text{ mm}$
Core Insulation	PE
Transfer Parameters	CAT5E
Transfer Rate	up to 100 Mbit/s
Shield Braiding	75%

Product Diagram

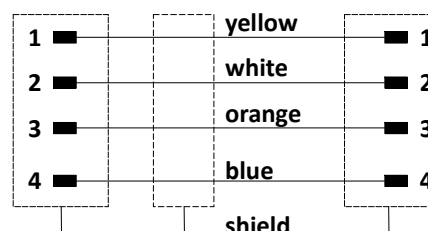


All dimensions are in mm.

Pin Assignment



Wiring Diagram



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

Ordering Part No.

Cable Length	Part Number
2 m	CDF12S4D-M12S4D-02TUC5-SH
5 m	CDF12S4D-M12S4D-05TUC5-SH
10 m	CDF12S4D-M12S4D-10TUC5-SH

*Please contact factory for customized cable lengths.

