

M12 Circular Connector



M12 D-Coded Female 4 Pin Rear to RJ45 Panel Mount Connector

Product Image



Product may differ from image.

General Specification

Rated Operational Voltage	60 V
Current Rating	1.5A
Insulation Resistance	$\geq 100 \text{ M}\Omega$
Temperature Range	$-25^{\circ}\text{C} \dots +75^{\circ}\text{C}$
Degree of Protection	M12:IP67 / RJ45:IP20
Coding	D-coded
Mounting	Rear

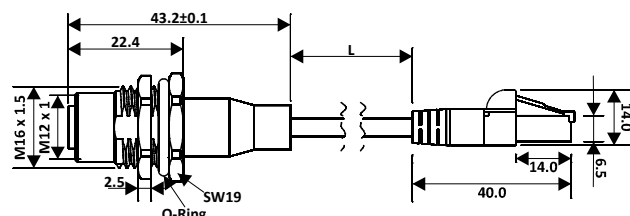
Material Specification

	M12	RJ45
Housing Material	Brass Ni Plated	PBT
Contact	Cu-Zn	Phosphor Bronze
Contact Plating	Gold Flash	Gold Flash
Contact Carrier	Nylon 66	PBT
O-Ring	Neoprene	
Grip Colour		Black
Pole	4	
Clamp Nut	M16 x 1.5	

Cable Specification

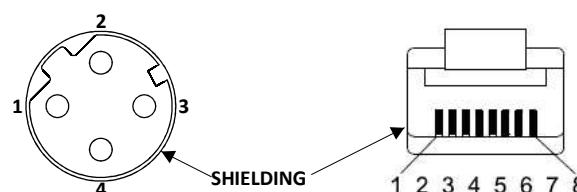
Cable Length-L	0.3 m
Cable Type	Cat5e PVC (2 x 2 Twisted Pair)
Sheath Colour	Green
Cross Section of Wire	AWG 22
Cable Dia	$6.5 \pm 0.2 \text{ mm}$
Core Insulation	PE
Termination	RJ45
Transfer Parameters	CAT5E
Transfer Rate	up to 100 Mbit/s
Shield Braiding	75%

Product Diagram



All dimensions are in mm.

Pin Assignment



Wiring Diagram

M12	Colour	RJ45
1	Yellow	1
2	White	3
3	Orange	2
4	Blue	6
	Shield	

Specification & Approval

RoHS	Compliant with Exemption
RoHS exemption	60: 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
0.3 m	CDF12RMBR4D-MRJ45-0.3GVC5-SH
0.5 m	CDF12RMBR4D-MRJ45-0.5GVC5-SH
01 m	CDF12RMBR4D-MRJ45-01GVC5-SH
02 m	CDF12RMBR4D-MRJ45-02GVC5-SH

*Please contact factory for customized cable lengths.

