

M12 Circular Connector



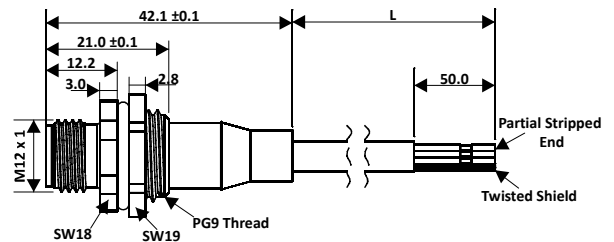
M12 D-Coded Male 4 Pin Front Panel Mount Connector

Product Image



Product may differ from image.

Product Diagram



All dimensions are in mm.

General Specification

Rated Operational Voltage	250 V
Current Rating	4A
Insulation Resistance	>= 100 MΩ
Temperature Range	-25°C ... +75°C
Degree of Protection	IP67
Coding	D-Coded
Mounting	Front

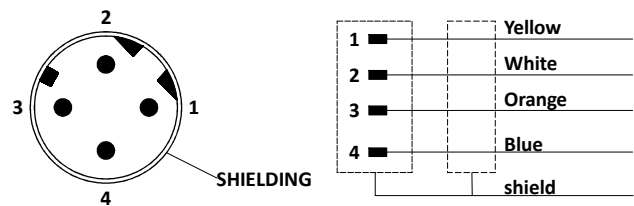
Material Specification

Housing Material	Brass Ni Plated
Contact	Cu-Zn
Contact Plating	Gold Flash
Contact Carrier	Nylon 66
O-Ring	Neoprene
Pole	4
Clamp Nut	PG9

Cable Specification

Cable Length-L	0.3 m
Cable Type	Cat5e TPE (2 x 2 Twisted Pair)
Sheath Colour	Green
Cross Section of Wire	AWG 22
Cable Dia	6.5 ± 0.2 mm
Core Insulation	PE
Termination	Partially Stripped
Transfer Parameters	CAT5E
Transfer Rate	up to 100 Mbit/s
Shield Braiding	75%
Bending Radius St. Position	> 60 mm
Bending Radius Flexible Stress	> 30 mm
Oil resistance, Halogen-free, Splatter Proof	

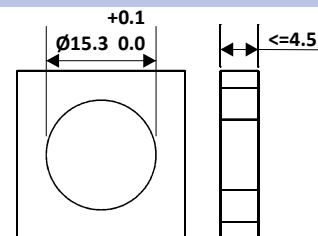
Pin Assignment



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

Panel Cutout



Ordering Part No.

Cable Length	Part Number
0.3 m	CPM12-FPBR4-0.3GTC5-D-SH
0.5 m	CPM12-FPBR4-0.5GTC5-D-SH
01 m	CPM12-FPBR4-01GTC5-D-SH
02 m	CPM12-FPBR4-02GTC5-D-SH

*Please contact factory for customized cable lengths.

