

M12 Female Panel Mount, PCB Type, Rear Fastened, Shielded Pin

The catalog is for reference only. The actual specifications are subject to the product engineering drawings. version 1.0

Connector Series: M12

Gender	Female
Coding	A,B,C,D
Locking Type	Fix Screw
Mounting Type	Rear Fastened
Part No	M12-X**-ST1-F01-BH*

Technical Data

Standard	IEC61076-2-101
Ambient Temperatur	-40℃~+105℃
Insulation Resistance	≥100MΩ
Contact Resistance	≤5mΩ

IP Class	IP67
Mating Endurance	>100 Mating Cycles

Material Data

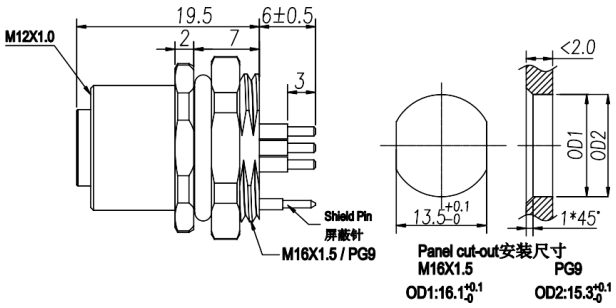
Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated
Connector Nut/Screw	Copper Alloy With Nickel Plated
Shielding	Ground
Seal/O-Ring	FKM
Length of the Solder Pin	6mm

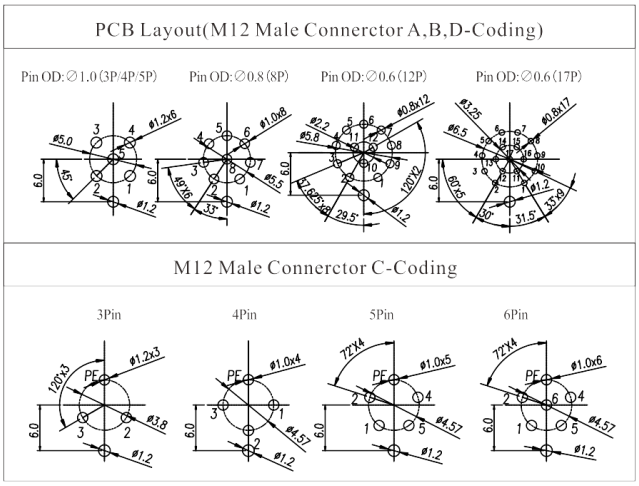
Electrical Data & Mechanical Date

Contacts Pin [Pins]	3	4	5	6	8	12	17
Rated Current [A]	4	4	4/2	2	2	1.5	1.5
Voltage AC/DC [V]	250/250	250/250	60/60	30/30	30/30	30/30	30/30
Contacts Termination	PCB Version						

Dimensions

PCB hole diagram


19.5
6±0.5
2
7
3
M12X1.0
Shield Pin
屏蔽针
M16X1.5 / PG9
<2.0
OD1
OD2
1*45°
13.5+0.1 -0
Panel cut-out安装尺寸
M16X1.5
PG9
OD1:16.1+0.1 -0
OD2:15.3+0.1 -0


PCB Layout(M12 Male Connerctor A,B,D-Coding)
Pin OD:∅1.0 (3P/4P/5P)
Pin OD:∅0.8 (8P)
Pin OD:∅0.6 (12P)
Pin OD:∅0.6 (17P)
M12 Male Connerctor C-Coding
3Pin
4Pin
5Pin
6Pin