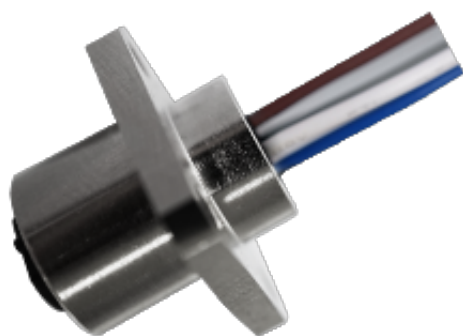


M12 Female Panel Mount, Solder Type, Square Flange Type, With Wires

M12 Circular Connector

Download date : 2025-12-06



Connector Series : M12
Gender : Female
Coding : A,B,C,D
Locking Type : Fix Screw
Mounting Type : Flange Type
Part No : M12-X**-ST0-F02-BQ0-XXX
X:A,B,C,D Coding
**:03,04,05...(Pin)

XXX:050=0.5M,100=1M,10M=10M...(Length)



For reference only!version1.0

Technical Data

Standard	IEC61076-2-101
Ambient Temperatur	-25°C~+80°C
Insulation Resistance	$\geq 100M\Omega$
Contact Resistance	$\leq 10m\Omega$
IP Class	IP67
Mating Endurance	>100 Mating Cycles

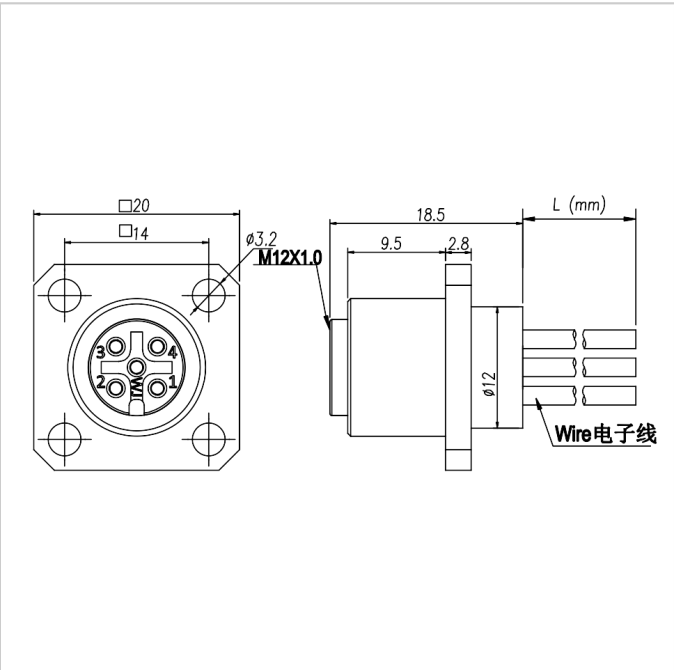
Material Data

Connector Carriers	PA
Connector Contacts	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶
Shielding	Unshielded 非屏蔽
Contacts Termination	Solder Type 焊接式

Electrical Data & Mechanical Date

Contacts Pin	3/4Pins	5Pins	6/8Pins	12/17Pins
Rated Current	4A	4/2A	2A	1.5A
Voltage AC/DC	250V	60V	30V	30V
Wire Range AWG/mm ²	22/0.34	22 , 24/0.34 , 0.25(C- code)	24/0.25	26/0.14

Dimensions



Specification Selection Table

M12 Female Panel Mount, Solder Type, Square Flange Type, With Wires

M12 Circular Connector

Download date : 2025-12-06



Contacts Pin数	Available Coding 防插错编码				Rated Current 额定电流	Voltage 电压		Wire Range 接线范围		Part NO. 产品编号
	A-Coding	B-Coding	C-Coding	D-Coding		AC	DC	AWG	mm²	
03Pins			 2+PE		4A	250V	250V	22	0.34	M12-A03-ST0-F02-BQ0-XXX M12-B03-ST0-F02-BQ0-XXX M12-C03-ST0-F02-BQ0-XXX
04Pins			 3+PE		4A	250V	250V	22	0.34	M12-A04-ST0-F02-BQ0-XXX M12-B04-ST0-F02-BQ0-XXX M12-C04-ST0-F02-BQ0-XXX M12-D04-ST0-F02-BQ0-XXX
05Pins			 4+PE		4A 2A	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	M12-A05-ST0-F02-BQ0-XXX M12-B05-ST0-F02-BQ0-XXX M12-C05-ST0-F02-BQ0-XXX
06Pins			 5+PE		2A	30V	30V	24	0.25	M12-C06-ST0-F02-BQ0-XXX
08Pins					2A	30V	30V	24	0.25	M12-A08-ST0-F02-BQ0-XXX
12Pins					1.5A	30V	30V	26	0.14	M12-A12-ST0-F02-BQ0-XXX
17Pins					1.5A	30V	30V	26	0.14	M12-A17-ST0-F02-BQ0-XXX