

Female Straight Field Assemble, Terminal Locking Screw Type, Shielded

M12 Circular Connector

Download date : 2025-12-06



Connector : M12
Gender : Female
Coding : A,B,D
Locking Type : Fix Screw
Mounting Type : Field Assemble
Part No : M12-X**-ST2-F04-BS*
X:A,B,D Coding
**:03,04,05...8 (Pin)
*:1=Cable OD4.0~6.0MM
*:2=Cable OD6.0~8.0MM...

For reference only!version1.0

Technical Data

Standard	IEC61076
Ambient Temperatur	-25°C~+105°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤10mΩ
IP Class	IP67
Mating Endurance	>100 Mating Cycles

Material Data

Connector Carriers	Copper Alloy With Nickel Plated 铜合金镀镍
Connector Contacts	Copper Alloy With Gold Plated 铜镀金
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜合金镀镍
Seal/O-Ring	FKM 氟橡胶
Shielding	Shielded 屏蔽
Contacts Termination	Terminal Locking Screw 锁螺钉连接

Electrical Data & Mechanical Date

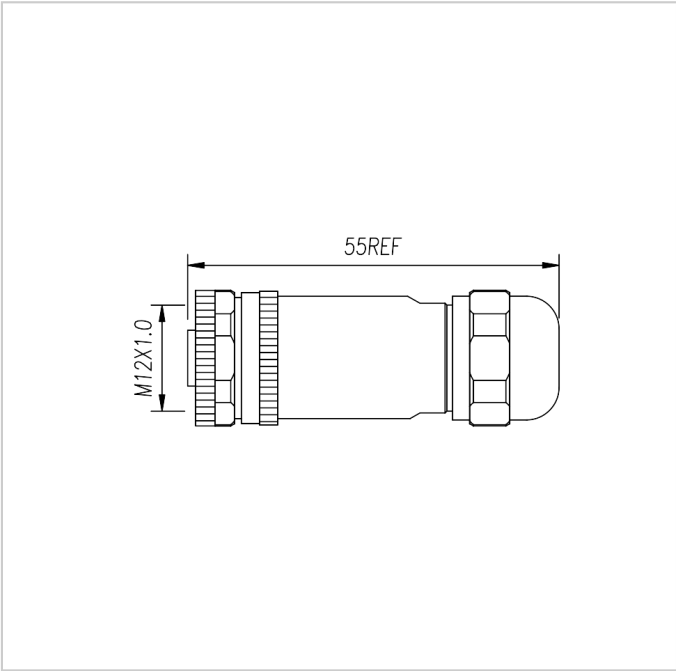
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Contacts Pin	3/4Pins	5Pins	8Pins
Rated Current	4A	4A	2A
Voltage AC/DC	250V	60V	30V
Wire Range AWG/mm ²	22/0.34	22/0.34	24/0.25

Dimensions



Specification Selection Table

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	D-Coding		AC	DC	AWG	mm ²	
03Pins				4A	250V	250V	22	0.34	M12-A03-ST2-F04-BS* M12-B03-ST2-F04-BS*
04Pins				4A	250V	250V	22	0.34	M12-A04-ST2-F04-BS* M12-B04-ST2-F04-BS* M12-D04-ST2-F04-BS*
05Pins				4A	60V	60V	22	0.34	M12-A05-ST2-F04-BS* M12-B05-ST2-F04-BS*
08Pins				2A	30V	30V	24	0.25	M12-A08-ST2-F04-BS*