

Y-Splitter, Female-Male-Female

M12 Circular Connector

Download date : 2025-12-06



Connector Series : M12
 Gender : Male/Female
 Coding : A,B,D
 Locking Type : Fix Screw
 Mounting Type : Y-Splitter
 Part No : M12-X**-ST0-F02-BFM
 X:A,B,D Coding
 **:03,04,05,08(Pin)
 ST0:0=UnShielded , 2=Full
 Shield , 1=Ground
 BFM:1=F(Female) 2=M(Male)



For reference only!version1.0

Technical Data

Standard	IEC61076
Ambient Temperatur	-25°C~+90°C
Insulation Resistance	≥100MΩ
Contact Resistance	≤10mΩ
IP Class	IP67
Mating Endurance	>100 Mating Cycles

Material Data

Connector Carriers	PA/PU
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	Shielded 屏蔽/Unshielded 非屏蔽

Electrical Data & Mechanical Date

Contacts Pin	3/4Pins	5Pins	8Pins
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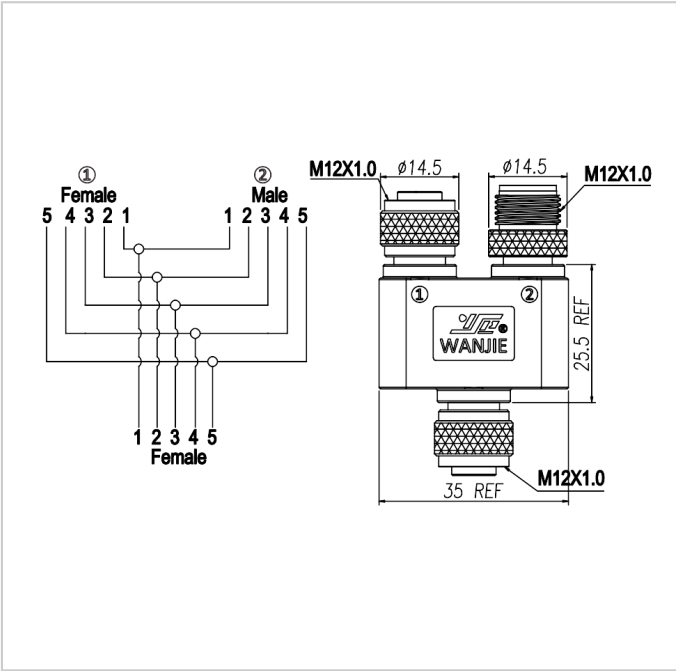
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Rated Current	4A	4A	2A
Voltage AC/DC	250V	60V	30V

Dimensions



Specification Selection Table

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Contacts Pin数	Available Coding 防插错编码			Rated Current 额定电流	Voltage 电压		Part NO.产品编号
	A-Coding	B-Coding	D-Coding		AC	DC	
03Pins	 Male	 Male		4A	250V	250V	M12-A03-ST0-F02-BFM M12-B03-ST0-F02-BFM M12-A03-ST2-F02-BFM M12-B03-ST2-F02-BFM M12-A03-ST1-F02-BFM M12-B03-ST1-F02-BFM
	 Female	 Female					
04Pins	 Male	 Male	 Male	4A	250V	250V	M12-A04-ST0-F02-BFM M12-B04-ST0-F02-BFM M12-D04-ST0-F02-BFM M12-A04-ST2-F02-BFM M12-B04-ST2-F02-BFM M12-D04-ST2-F02-BFM M12-A04-ST1-F02-BFM M12-B04-ST1-F02-BFM M12-D04-ST1-F02-BFM
	 Female	 Female	 Female				
05Pins	 Male	 Male		4A	60V	60V	M12-A05-ST0-F02-BFM M12-B05-ST0-F02-BFM M12-A05-ST2-F02-BFM M12-B05-ST2-M02-BFM M12-A05-ST1-F02-BFM M12-B05-ST1-F02-BFM
	 Female	 Female					
08Pins	 Male			2A	30V	30V	M12-A08-ST0-F02-BFM M12-B08-ST2-F02-BFM M12-A08-ST1-F02-BFM
	 Female						