

M8 Female Molded Cables, Straight

M8 Circular Connector

Download date : 2025-12-06



Connector Series : M8

Gender : Female

Coding : A, B

Locking Type : Fix Screw

Mounting Type: Straight

Part No : M08-X**-ST0-F02-BC*-XXX

X:A, B Coding

** : 03, 04, 05, 06, 08 (Pin)

ST0:0=Unshielded , 2=Full
Shield , 1=Ground

BC*:BCC=Cable Jacket PVC(For
Molded Cable)

BC*:BCR=Cable Jacket PUR(For
Molded Cable)

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



For reference only!version1.0

Technical Data

Standard	IEC61076-2-104
Ambient Temperatur	-25°C~+80°C
Insulation Resistance	$\geq 100M\Omega$
Contact Resistance	$\leq 5m\Omega$
IP Class	IP67
Mating Endurance	>100 Mating Cycles

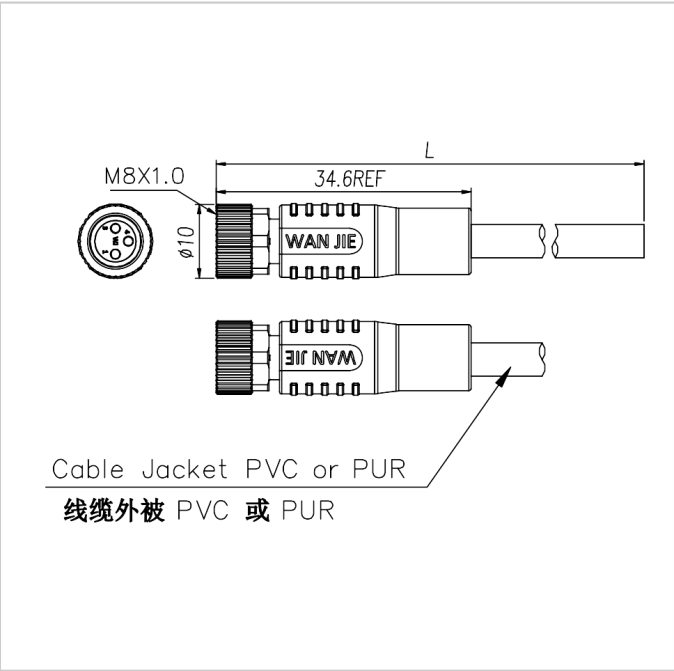
Material Data

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	Shielded 屏蔽/Unshielded 非屏蔽
Connector Overmold	TPU

Electrical Data & Mechanical Date

Contacts Pin	3/4Pins	5Pins	6/8Pins
Rated Current	3A	3A	1.5A
Voltage AC/DC	50V/60V	30V/30V	30V/30V
Wire Range AWG/mm²	24/0.25	24/0.25	26/0.14
Cable Jacket	PUR/PVC		

Dimensions



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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		Cable Jacket 线缆外被	Part NO. 产品编号
			AC	DC	AWG	mm ²		
03Pins	 A-Coding	3A	50V	60V	24	0.25	PVC	M08-A03-ST*-F02-BCC-XXX
							PUR	M08-A03-ST*-F02-BCR-XXX
04Pins	 A-Coding	3A	50V	60V	24	0.25	PVC	M08-A04-ST*-F02-BCC-XXX
							PUR	M08-A04-ST*-F02-BCR-XXX
05Pins	 B-Coding	3A	30V	30V	24	0.25	PVC	M08-B05-ST*-F02-BCC-XXX
							PUR	M08-B05-ST*-F02-BCR-XXX
06Pins	 A-Coding	1.5A	30V	30V	26	0.14	PVC	M08-A06-ST*-F02-BCC-XXX
							PUR	M08-A06-ST*-F02-BCR-XXX
08Pins	 A-Coding	1.5A	30V	30V	26	0.14	PVC	M08-A08-ST*-F02-BCC-XXX
							PUR	M08-A08-ST*-F02-BCR-XXX