

Connector Series : M8

Gender : Male

Coding : A, B

Locking Type : Fix Screw

Mounting Type: Front Fastened

Part No : M08-X**-ST0-M02-BQ1-XXX

X:A, B Coding

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

BQ1:1=M8X1.0(OD1)

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



For reference only!version1.0

Technical Data

Standard	IEC61076-2-104
Ambient Temperatur	-25°C~+85°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

M8 Male Panel Mount, Solder Type, Front Fastened With Wires

M8 Circular Connector

Download date : 2025-10-06



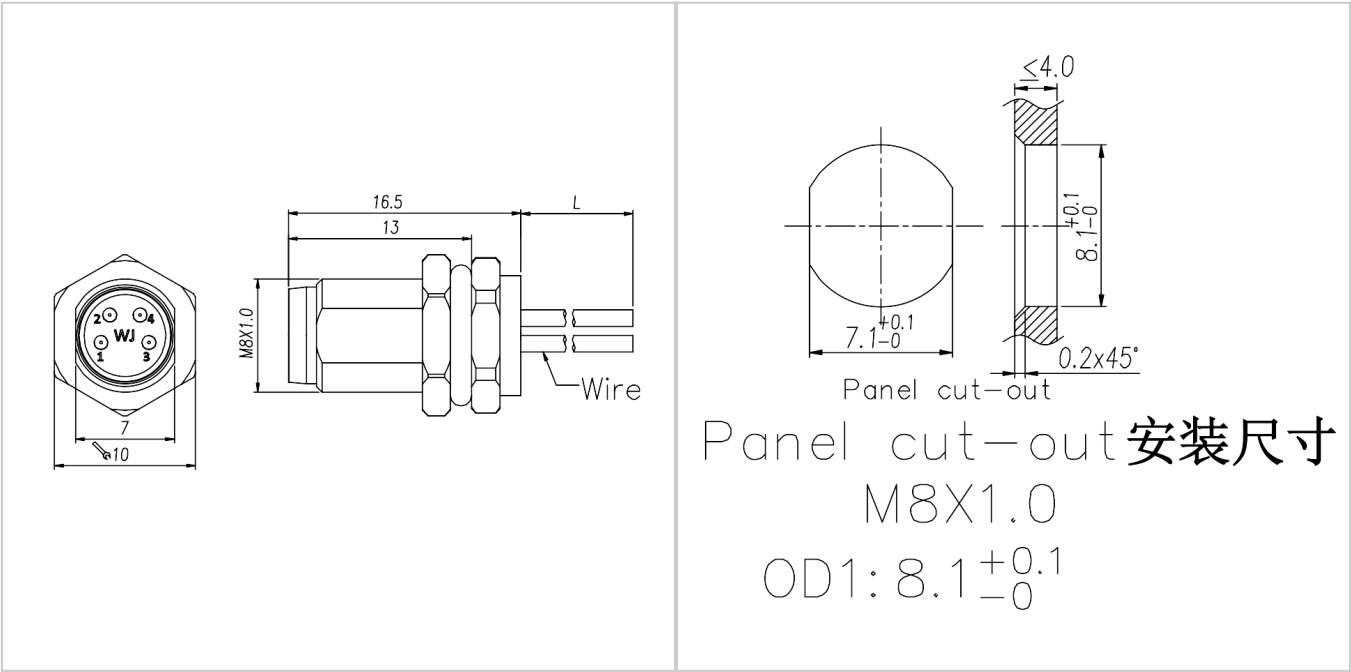
Connector Nut/Screw	Copper Alloy With Nickel Plated 铜镀镍
Seal/O-Ring	FKM 氟橡胶
Shielding	Unshielded 非屏蔽

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

Dimensions

PCB opening diagram



Specification Selection Table

M8 Male Panel Mount, Solder Type, Front Fastened With Wires
M8 Circular Connector

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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
			AC	DC	AWG	mm ²	
03Pins	 A-Coding	3A	50V	60V	24	0.25	M08-A03-ST0-M02-BQ1-XXX
04Pins	 A-Coding	3A	50V	60V	24	0.25	M08-A04-ST0-M02-BQ1-XXX
05Pins	 B-Coding	3A	30V	30V	24	0.25	M08-B05-ST0-M02-BQ1-XXX
06Pins	 A-Coding	1.5A	30V	30V	26	0.14	M08-A06-ST0-M02-BQ1-XXX
08Pins	 A-Coding	1.5A	30V	30V	26	0.14	M08-A08-ST0-M02-BQ1-XXX