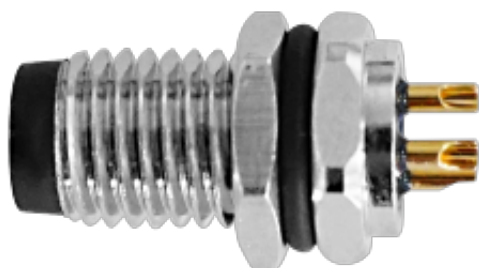


# M8 Male Panel Mount, Solder Type, Front Fastened

M8 Circular Connector

Download date : 2025-12-06



Connector Series : M8

Gender : Male

Coding : A, B

Locking Type : Fix Screw

Mounting Type: Front Fastened

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

X:A, B Coding

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

BQ1:1=M11X1.0(OD1)



For reference only!version1.0

## Technical Data

|                       |                    |
|-----------------------|--------------------|
| Standard              | IEC61076-2-104     |
| Ambient Temperatur    | -25°C~+85°C        |
| Insulation Resistance | ≥100MΩ             |
| Contact Resistance    | ≤5mΩ               |
| 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                             |

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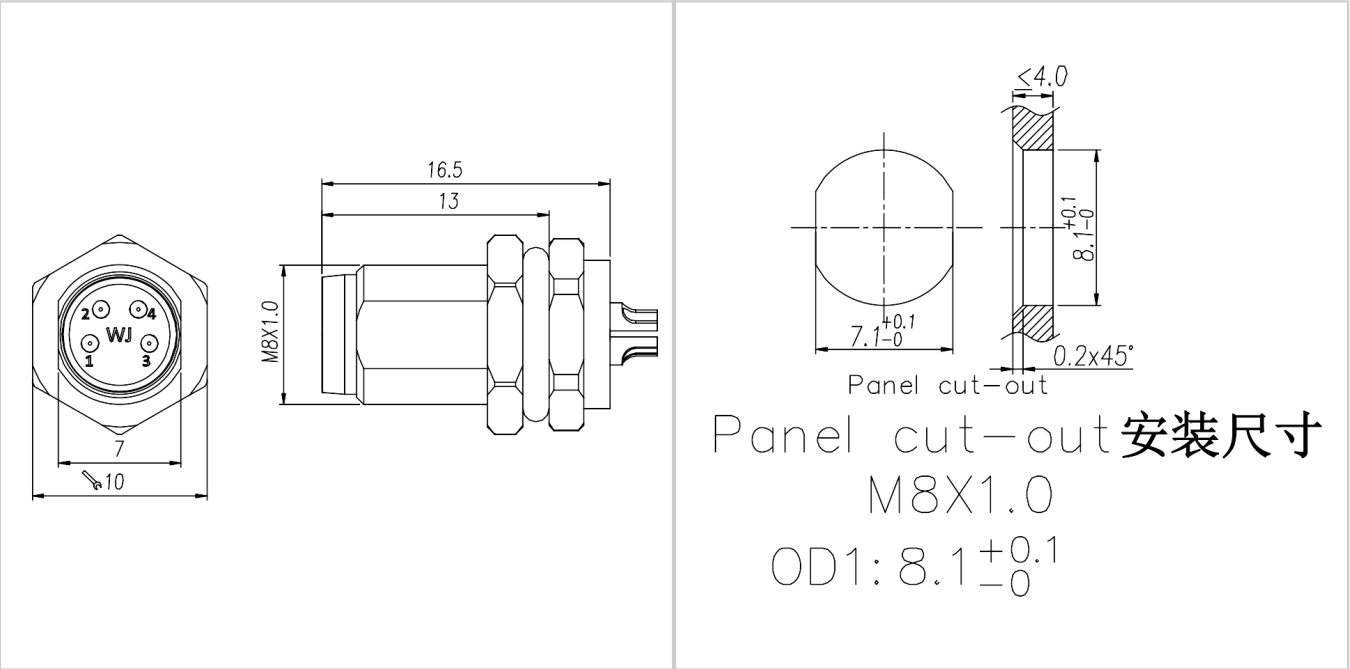
|           |                |
|-----------|----------------|
| Shielding | Unshielded 非屏蔽 |
|-----------|----------------|

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

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| Contacts<br>Pin数 | Available Coding<br>防插错编码                                                                     | Rated Current<br>额定电流 | Voltage 电压 |     | Wire Range 接线范围 |                 | Part NO.产品编号        |
|------------------|-----------------------------------------------------------------------------------------------|-----------------------|------------|-----|-----------------|-----------------|---------------------|
|                  |                                                                                               |                       | AC         | DC  | AWG             | mm <sup>2</sup> |                     |
| 03Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25            | M08-A03-ST0-M02-BQ1 |
| 04Pins           | <br>A-Coding | 3A                    | 50V        | 60V | 24              | 0.25            | M08-A04-ST0-M02-BQ1 |
| 05Pins           | <br>B-Coding | 3A                    | 30V        | 30V | 24              | 0.25            | M08-B05-ST0-M02-BQ1 |
| 06Pins           | <br>A-Coding | 1.5A                  | 30V        | 30V | 26              | 0.14            | M08-A06-ST0-M02-BQ1 |
| 08Pins           | <br>A-Coding | 1.5A                  | 30V        | 30V | 26              | 0.14            | M08-A08-ST0-M02-BQ1 |