

**Product data sheet**  
**M8 Solder Panel Mount**



<https://www.finecables.com/m8-solder-panel-mount-a-coded/205/>

Product description

M8 Male A-coding Straight Connector, Solder Panel Mount, Rear fastend, Contacts: 3, Unshielded, IP67, UL Listed: CYJV(CYJV7).E321413

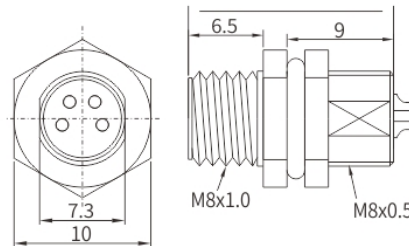
Part no.

MB08MSARF03ST

**Illustration**



**Scale drawing**



**You can find the assembly instructions on the next page.**

**General features**

Part no.	<b>MB08MSARF03ST</b>
Standard	IEC 61076-2-104
Ambient temperature	-15°C ~ +85°C (flexible installation)
Ambient temperature	-30°C ~ +85°C (fixed installation)
Customized temperature	-25°C ~ +85°C (flexible installation)
Customized temperature	-40°C ~ +85°C (fixed installation)
IP rating	IP67 in locked condition
Mating endurance	>500 cycles

**Electrical parameters**

Insulation resistance	$\geq 100\text{M}\Omega$
Contact resistance	$\leq 5\text{m}\Omega$
Shielding	Unavailable
Rated current	3A
Rated voltage	50V AC / 60V DC
Wire gauge	0.25mm <sup>2</sup> (AWG24)

**Material**

Connector insert	TPU
Connector contacts	Brass with gold plated

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Coupling nut/screw                      Brass with nickel plated

Seal/O-ring                                 Epoxy resin / FKM

**Security Notices**

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

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