

Product data sheet

M10 Cables & Connectors

<https://finecables.com/m10-pcb-panel-mount/349/>

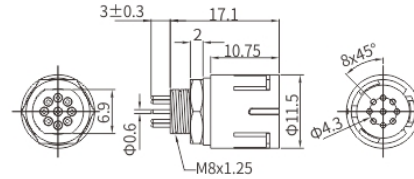


| | |
|---------------------|--|
| Product description | M10 Male Straight Conector, PCB Panel Mount, Rear Fastened, Contacts: 9; Unshielded, IP65 |
| Part no. | MB10MBARI09ST |

Illustration



Scale drawing



You can find the assembly instructions on the next page.

General features

| | |
|---------------------|--------------------------|
| Part no. | MB10MBARI09ST |
| Ambient temperature | -25°C ~ +85°C |
| IP rating | IP65 in locked condition |
| Mating endurance | >500 cycles |

Electrical parameters

| | |
|-----------------------|-------------|
| Insulation resistance | ≥20 MΩ |
| Contact resistance | ≤5 mΩ |
| Shielding | Unavailable |
| Rated current | 1A |
| Rated voltage | 30V |

Material

| | |
|--------------------|--------------------------|
| Connector insert | PA+GF |
| Connector contacts | Brass with gold plated |
| Coupling nut/screw | Brass with nickel plated |

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Seal/O-ring 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".

Finecables Enterprise Co., Ltd

Email: info@finecables.com

Web: www.finecables.com

Tel: +86 0769-81517898

Address: No.54 Changdi Road, Nanmian Community Humen Town Dongguan City, Guangdong Province, China.