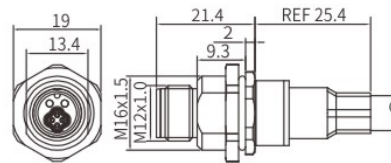


Product description	M12 Y1-coding Male Straight Connector, Assy Crimp Panel Mount, Front fastened, Shielded, Contacts: 6, IP67
Part no.	MB12MCSY1FF06ST

**Illustration**



**Scale drawing**



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

**General features**

Part no.	<b>MB12MCSY1FF06ST</b>
Standard	IEC 61076-2-113
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	≥100MΩ
Contact resistance	≤10mΩ
Shielding	Available
Rated current	10A (Power pins) / 0.5A (Data pins)
Rated voltage	50V AC / DC
Wire gauge	1.25 mm <sup>2</sup> (AWG 16) (Power pins) / 0.15 mm <sup>2</sup> (AWG 26) (Data pins)

**Material**

Connector insert	PA+GF
Connector contacts	Brass with gold plated

## Product data sheet

# M12 Solder&Crimp Panel Mount



<https://www.finecables.com/m12-crimp-panel-mount-y1y2y3y4-coded/648/>

Product description	M12 Y1-coding Male Straight Connector, Assy Crimp Panel Mount, Front fastened, Shielded, Contacts: 6, IP67
Part no.	MB12MCSY1FF06ST

Coupling nut/screw                      Brass with nickel plated

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".

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