

Product data sheet

M12 Molded Cable



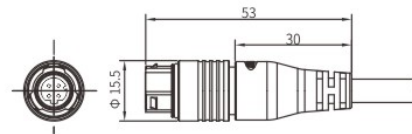
<https://finecables.com/m12-molded-cable-d-coded/1841/>

Product description	M12 D-coding Push-Pull Male Straight Connector, Molded Cable, Shielded, Contacts: 4, IP67
Part no.	MA12MPSDPP04ST

Illustration



Scale drawing



You can find the assembly instructions on the next page.

General features

Part no.	MA12MPSDPP04ST
Standard	IEC 61076-2-012-2020
Ambient temperature	-25°C ~ +85°C
IP rating	IP67(Mated)
Salt spray corrosion test	>96h
Mating endurance	>500 cycles

Electrical parameters

Insulation resistance	$\geq 100\text{M}\Omega$
Shielding efficiency	at 10MHz >75dB / at 1GHz >40dB
Rated current	4A
Rated voltage	250V AC/DC
Wire gauge	0.34mm ² (AWG22)

Material

Connector insert	PA
Connector contacts	Brass with gold plated
Connector overmold	Brass with Black nickel plated

Security Notices

1. Do not plug or unplug the connector while it is under load. Failure to follow this warning or

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improper use may result in personal injury.

2. These connectors are designed for use in plant engineering, control systems, and electrical equipment construction. Users are responsible for verifying suitability if using them in other applications.
3. Connectors used in circuits with hazardous touch voltages must only be installed and operated by qualified personnel with electrical engineering training, or under their supervision, in accordance with applicable regulations and standards.
4. Users must take appropriate safety precautions to prevent accidental disconnection of the connector.
5. Please observe the specified pollution degree and overvoltage category. For more details, refer to the "Technical Information" section in our Download Center.

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