

M12 B-Code 5Pin male straight connector molded with 2x22AWG Profibus cable

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Part No.: MC05C1LSBB-22xx xx-PFB

Contacts Poles: 05 Pin

Connector Gender: Male connector

Cable Jacket: PVC, PUR, halogen-free, Custom

Current Rating: 4 A

Wire Gauge (size): 22AWG/ 0.34mm²

Keyway Coding: B-Coding

EMC Shielding: 360° fully shielded

Product data

Contacts Poles:	05 Pin	Cable Length:	Customized lengths
Connector Gender:	Male connector	Cable Jacket:	PVC, PUR, halogen-free, Custom cable material
Current Rating:	4 A	Wire Gauge (size):	22AWG/ 0.34mm ²
Voltage Rating:	250V	Wire Insulation:	Foamed PE
Keyway Coding:	B-Coding	EMC Shielding:	360° fully shielded
Straight/ 90° Angled:	180° Straight	Cable Color:	Black, Violet
Contacts Termination:	Soldering	Temperature Rating:	-25°C ~ + 80°C
Contacts Material:	Brass, machined solid pin	Cable Flamability:	VW-1
Contacts Plating:	3μ" Gold plating thickness	Cable Features:	UV-Resistant, Hydrolysis resistant, Oil resistant
Inserts:	TPU + GF	Sealing:	O-Ring
Overmolding:	TPU	Locking Screws:	Brass with nickel plated
Contact Resistance:	≤5mΩ	Insulation Resistance:	≥ 100 MΩ
Protection Degree:	IP 67	Pollution Degree:	III
Connector Flamability:	UL94 V0, UL94 HB	Waterproof Depth:	IP67 1m depth 30 minutes
Plug Mating Life:	500 times	Warranty:	2-years quality guarantee period
Compliance:	RoHS compliant	Reference Standard:	IEC 61076-2-101
Products Certification:	IP67	Connector Type:	Cable molding type (extension cable)

Description

The M12 metric size B-Coding connectors, it is commonly used connector in the Fieldbus cabling system, such as PROFIBUS cabling. M12 B-Coding connector designed with B specified single keyway coding structure which differentiates itself from A-, C-, D-, S-, T-, K-, L-Coding.

- Cable plugs, panel receptacles are available
- Cable specification base on customer requesting
- Degree of protection IP67
- 5 poles per connector
- Operating voltage 60V;
- Current range: 4A
- 360° EMI-Shielded
- Anti-vibration locking screw design