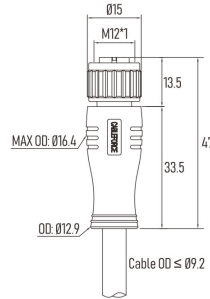


## M12 B-Code 5Pin female straight connector molded with 2x22AWG Profibus cable

Please be informed that the data shown in this PDF document is generated from our Online Catalog for reference only, for detailed technical information please contact our sales!



**Part No.:** MC05C2LSBB-22xx xx-PFB

**Contacts Poles:** 05 Pin

**Connector Gender:** Female connector

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

**Current Rating:** 4 A

**Wire Gauge (size):** 22AWG/ 0.34mm<sup>2</sup>

**Keyway Coding:** B-Coding

**EMC Shielding:** 360° fully shielded

### Product data

Contacts Poles:	05 Pin	Cable Length:	Customized lengths
Connector Gender:	Female connector	Cable Jacket:	PVC, PUR, halogen-free, Custom cable material
Current Rating:	4 A	Wire Gauge (size):	22AWG/ 0.34mm <sup>2</sup>
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:	Phosphor bronze, 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