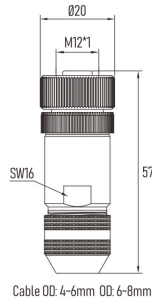


## M12 B-Code 5Pin female field wireable (assembly type) connector, screw connection, 4.0-7.0 mm cable outlet, 360° shielded

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.:** MC05A2LWBSB

**Contacts Poles:** 05 Pin

**Connector Gender:** Female connector

**Current Rating:** 4 A

**Wire Gauge (size):** 22AWG/ 0.34mm<sup>2</sup>, 20AWG/

**Keyway Coding:** B-Coding

**EMC Shielding:** 360° fully shielded

### Product data

Contacts Poles:	05 Pin	Connector Gender:	Female connector
Current Rating:	4 A	Wire Gauge (size):	22AWG/ 0.34mm <sup>2</sup> , 20AWG/ 0.5mm <sup>2</sup> , 18AWG/ 0.75mm <sup>2</sup>
Voltage Rating:	60V	Keyway Coding:	B-Coding
EMC Shielding:	360° fully shielded	Contacts Termination:	Screwing
Temperature Rating:	-40°C ~ + 105°C	Contacts Material:	Phosphor bronze, machined solid pin
Contacts Plating:	3µ" Gold plating thickness	Inserts:	PA66 + GF
Sealing:	O-Ring	Housing/ Outer Shell:	Brass with nickel plating
Locking Screws:	Brass with nickel plated	Contact Resistance:	≤5mΩ
Insulation Resistance:	≥ 100 MΩ	Protection Degree:	IP 67
Pollution Degree:	III	Connector Flamability:	UL94 V0
Waterproof Depth:	IP67 1m depth 30 minutes	Plug Mating Life:	500 times
Suitable Cable Diameter:	PG9 (4.5 ~ 7mm)	Warranty:	2-years quality guarantee period
Compliance:	RoHS compliant	Reference Standard:	IEC 61076-2-101
Connector Type:	Field assembly type		

### Description

The M12 metric size B-Coding connectors, based on IEC 61076-2-101 standard, it is the most commonly used connector in the industrial PROFIBUS cabling. CABLEFORCE M12 B-Coding connectors are developed and designed for harsh industrial and climatic environments, e.g. High temperature range endurance, Hydrolysis resistant, Oil resistant, Corrosion resistant, UV-Resistant, Abrasion resistant.

- Cableforce field wireable connector is available with contacts: 3pin, 4pin, 5pin, 8pin, 12pin
- We also sell the related bulk cables with unshielded, shielded, oil resistant, hydrolysis resistant, UV-resistant options
- The receptacle counter part with PCB contacts or Solder type panel mount connectors with wires
- Operating voltage 250V/ 60V/ 30V;
- Current range: 4A, 2A, 1.5A
- Degree of protection IP67