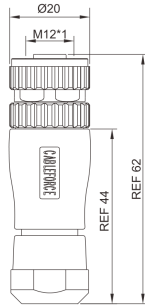


M12 A-Code 5Pin female field wireable (assembly type) connector, screw connection, 4.0-7.0 mm, IP67

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.: MC05A2LWAB

Contacts Poles: 05 Pin

Connector Gender: Female connector

Current Rating: 4 A

Wire Gauge (size): 24AWG/ 0.25mm², 22AWG/

Keyway Coding: A-Coding

EMC Shielding: Un-shielded

Product data

| | | | |
|------------------------|-------------------------------------|--------------------------|---|
| Contacts Poles: | 05 Pin | Connector Gender: | Female connector |
| Current Rating: | 4 A | Wire Gauge (size): | 24AWG/ 0.25mm ² , 22AWG/ 0.34mm ² , 20AWG/ 0.5mm ² |
| Voltage Rating: | 60V | Keyway Coding: | A-Coding |
| EMC Shielding: | Un-shielded | Straight/ 90° Angled: | 180° Straight |
| 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: | PA66 + GF | 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: | PG7 (4 ~ 6mm), PG9 (4.5 ~ 7mm) |
| Warranty: | 2-years quality guarantee period | Compliance: | RoHS compliant, REACH compliant |
| Reference Standard: | IEC 61076-2-101 | Connector Type: | Field assembly type |

Description

The M12 metric size A-Coding connectors, based on IEC 61076-2-101 standard, it is the most commonly used connector in the factory automation. M12 A-Coding connectors mainly designed for sensor and actuator devices. CABLEFORCE M12 A-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, Bending and Drag Chain applicable. M12 A-Coding is a specified single keyway design; differentiate itself from B, C, D, X, S, T, K, L, M, Y-Coding.

- 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