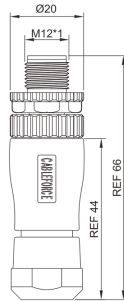


## M12 A-Code 5Pin male field wireable (assembly type) connector, screw connection, 4.0-7.0 mm, IP67

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.:** MC05A1LWAB

**Contacts Poles:** 05 Pin

**Connector Gender:** Male connector

**Current Rating:** 4 A

**Wire Gauge (size):** 24AWG/ 0.25mm<sup>2</sup>, 22AWG/

**Keyway Coding:** A-Coding

**EMC Shielding:** Un-shielded

### Product data

Contacts Poles:	05 Pin	Connector Gender:	Male connector
Current Rating:	4 A	Wire Gauge (size):	24AWG/ 0.25mm <sup>2</sup> , 22AWG/ 0.34mm <sup>2</sup> , 20AWG/ 0.5mm <sup>2</sup>
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:	Brass, 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