

## M12 A-Code 4Pin female field wireable (assembly type) connector, screw connection, 4.0-7.0 mm, nickel plated brass screw

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!



Image:

**Part No.:** MC04A2LWASB

**Contacts Poles:** 04 Pin

**Connector Gender:** Female connector

**Current Rating:** 4 A

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

**Keyway Coding:** A-Coding

**EMC Shielding:** 360° fully shielded

### Product data

Contacts Poles:	04 Pin	Connector Gender:	Female 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:	250V	Keyway Coding:	A-Coding
EMC Shielding:	360° fully 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:	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:	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