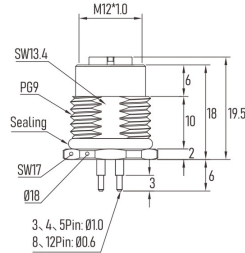


## M12 A-Code 12Pin female panel mount connector with PCB contacts, front side fastening, PG9/M16

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.:** MC12P2LPABxx

**Contacts Poles:** 12 Pin

**Connector Gender:** Female connector

**Current Rating:** 1.5 A

**Keyway Coding:** A-Coding

**EMC Shielding:** Un-shielded

### Product data

Contacts Poles:	12 Pin	Connector Gender:	Female connector
Current Rating:	1.5 A	Voltage Rating:	30V
Keyway Coding:	A-Coding	EMC Shielding:	Un-shielded
Straight/ 90° Angled:	180° Straight	Contacts Termination:	PCB dip soldering
Temperature Rating:	-40°C ~ + 105°C	Contacts Material:	Phosphor bronze, machined solid pin
Cable Flamability:	VW-1	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	Panel Cut Size:	PG9, M16x1.5
Insulation Resistance:	≥ 100 MΩ	Protection Degree:	IP 67, IP 69K
Pollution Degree:	III	Connector Flamability:	UL94 V0
Waterproof Depth:	IP67 1m depth 30 minutes, IP69K against high pressure/ steam jet	Plug Mating Life:	500 times
Warranty:	3-years quality guarantee period	Compliance:	RoHS compliant, REACH compliant
Reference Standard:	IEC 61076-2-101	Products Certification:	CE/ EMC, IP67, IP69K
Connector Type:	Panel mount receptacle	Panel locking side:	Front side fastening the nut

### 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.

- 2 pin, 3 pin, 4 pin, 5 pin, 7 pins, 8 pin, 12 pin, 17 pins
- PCB contacts, Solder type with (custom wire specification)
- Stainless steel and Plastic connector available
- Voltage rating: 600V, 250V, 60V, 30V
- Current rating: 16A, 4A, 3A, 1.5A
- IP67, IP69K protection degree
- Anti-vibration