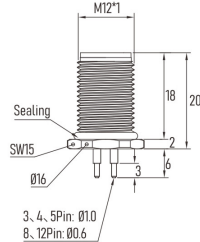


## M12 A-Code 5Pin male panel mount connector, PCB contacts, front side fastening, M12x1.0 chassis side thread

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.:** MC05P1LPAB12  
**Contacts Poles:** 05 Pin  
**Connector Gender:** Male connector  
**Current Rating:** 4 A  
**Keyway Coding:** A-Coding  
**EMC Shielding:** Un-shielded

### Product data

Contacts Poles:	05 Pin	Connector Gender:	Male connector
Current Rating:	4 A	Voltage Rating:	60V
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:	Brass, 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:	M12x1.0
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:	UL Certified, CUL Certified, 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