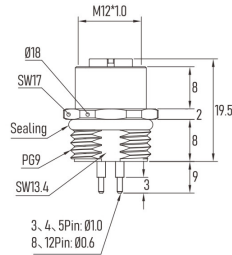


## M12 A-Code 5Pin female panel mount connector with PCB contacts, rear side fastening, PG9/M16

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.:** MC05P4LPABxx

**Contacts Poles:** 05 Pin

**Connector Gender:** Female connector

**Current Rating:** 4 A

**Keyway Coding:** A-Coding

**EMC Shielding:** Un-shielded

### Product data

|                        |  |                         |   |
|------------------------|--|-------------------------|---|
| Contacts Poles:        | 05 Pin   | Connector Gender:       | Female 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:      | 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: | UL Certified, CUL Certified, CE/ EMC, IP67, IP69K |
| Connector Type:        | Panel mount receptacle   | Panel locking side:     | Rear 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