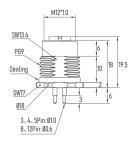


M12 A-Code 12Pin female panel mount connector with PCB contacts, front side fastening, PG9/M16

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

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 $\sim +105^{\circ}$ C Contacts Material: Phosphor bronze, machined solid pin Cable Flamability: VW-1 Contacts Plating: $3\mu^{"}$ Gold plating thickness Inserts: PA66 + GF Sealing: O-Ring Housing/ Outer Shell: Brass with nickel plasting Locking Screws: Brass with nickel plated Contact Resistance: $\leq 5m\Omega$ Panel Cut Size: PG9, M16x1.5	Product data			
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Cable Flamability: VW-1 Contacts Plating: 3μ" Gold plating thickness Inserts: PA66 + GF Sealing: O-Ring Housing/ Outer Shell: Brass with nickel plasting Locking Screws: Brass with nickel plated	Straight/ 90° Angled:	180° Straight	Contacts Termination:	PCB dip soldering
Inserts: PA66 + GF Sealing: O-Ring Housing/ Outer Shell: Brass with nickel plasting Locking Screws: Brass with nickel plated	Temperature Rating:	-40°C ~ + 105°C	Contacts Material:	Phosphor bronze, machined solid pin
Housing/ Outer Shell: Brass with nickel plasting Locking Screws: Brass with nickel plated	Cable Flamability:	VW-1	Contacts Plating:	3μ" Gold plating thickness
	Inserts:	PA66 + GF	Sealing:	O-Ring
Contact Resistance: ≤5mΩ Panel Cut Size: PG9, M16x1.5	Housing/ Outer Shell:	Brass with nickel plasting	Locking Screws:	Brass with nickel plated
	Contact Resistance:	≤5mΩ	Panel Cut Size:	PG9, M16x1.5
Insulation Resistance: $\geq 100 \text{ M}\Omega$ Protection Degree: IP 67, IP 69K	Insulation Resistance:	≥ 100 MΩ	Protection Degree:	IP 67, IP 69K
Pollution Degree: III Connector Flamability: UL94 V0	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	Waterproof Depth:		Plug Mating Life:	500 times
Warranty: 3-years quality guarantee period Compliance: RoHS compliant, REACH compliant	Warranty:	3-years quality guarantee period	Compliance:	RoHS compliant, REACH compliant
Reference Standard: IEC 61076-2-101 Products Certification: CE/ EMC, IP67, IP69K	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	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