CableForce®
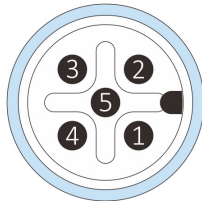
M12 A-Code 5Pin male panel mount connector with 0.3m 22AWG single wires, front side fastening, M12x1.0 chassis side thread

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Part No.: MC05P1LSAB12-22W03
Contacts Poles: 05 Pin
Connector Gender: Male connector
Current Rating: 4 A
Wire Gauge (size): 22AWG/ 0.34mm²
Keyway Coding: A-Coding
EMC Shielding: Un-shielded

Product data

Contacts Poles:	05 Pin	Cable Length:	30 cm
Connector Gender:	Male connector	Current Rating:	4 A
Wire Gauge (size):	22AWG/ 0.34mm²	Voltage Rating:	60V
Wire Insulation:	PVC	Keyway Coding:	A-Coding
EMC Shielding:	Un-shielded	Straight/ 90° Angled:	180° Straight
Contacts Termination:	Soldering	Temperature Rating:	-40°C ~ + 80°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 plasting
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