



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.

- Cable plugs, field installable plugs, panel receptacles, T-connectors, Y-Splitters are available
- Cable length base on customer requesting
- Degree of protection IP67, IP68, IP69K
- 3, 4, 5, 6, 8, 12, 17 poles are available
- Operating voltage 250V/ 60V/ 30V;
- Current range: 4A, 2A, 1.5A
- 360° EMI-Shielding is available
- Anti-vibration locking screw design

Order information:

KLS15-M12A-P20-03-PUR-L2.0M-B-U

M12: Screw type Coding : A,B,C,D

P20: Plug female pin,Right angled

03: Number of contacts 3,4,5,6,8,12,17Pins

Cable jacket: PUR or PVC

Cable length:2.0M,3.0M,4.0M,5.0M...customized lengths

Cable colour: B-black

W-With Shielded U-Un shielded

芯数/Contacts				额定电流 Rated current	额定电压/Voltage		导体规格/Wire gauge		线材外被 Cable jacket
A	B	C	D		交流(A/C)	直流(D/C)	AWG	mm ²	
				4A	250V	250V	22	0.34	PVC/PUR
				4A	250V	250V	22	0.34	PVC/PUR
				4A 2A (C-code)	60V	60V	22 24 (C-code)	0.34 0.25 (C-code)	PVC/PUR
				2A	30V	30V	24	0.25	PVC/PUR
				2A	30V	30V	24	0.25	PVC/PUR
				1.5A	30V	30V	26	0.14	PVC/PUR
				1.5A	30V	30V	26	0.14	PVC/PUR

Product data

Contacts Poles: 3,4,5,6,8,12,17 Pin	Cable Length: Customized lengths
Connector Gender: Female connector	Cable Jacket: PVC, PUR, halogen-free, TPE 90°C, Custom cable material
Current Rating: 4A,2A,1.5A	Wire Gauge (size): 22AWG/ 24AWG/26AWG
Voltage Rating: 250V	Wire Insulation: PVC, PUR
Keyway Coding: A,B,C,DCoding	EMC Shielding: Un-shielded Or Shielded
Straight/ 90° Angled: Right angled	Cable Color: Black, Orange, Yellow, Gray
Contacts Termination: Soldering	Temperature Rating: -25°C ~ + 80°C, -40°C ~ + 105°C
Contacts Material: Brass, machined solid pin	Cable Flamability: VW-1
Contacts Plating: 3µ" Gold plating thickness	Cable Features: UV-Resistant, Hydrolysis resistant
Inserts: TPU + GF	Sealing: O-Ring
Overmolding: TPU	Locking Screws: Brass with nickel plated
Contact Resistance: ≤5mΩ	Insulation Resistance: ≥ 100 MΩ
Protection Degree: IP 67, IP 69K	Pollution Degree: III
Connector Flamability: UL94 HB	Waterproof Depth: IP67 1m depth 30 minutes
Plug Mating Life: 500 times	Warranty: 1-years quality guarantee period
Compliance: RoHS compliant	Reference Standard: IEC 61076-2-101