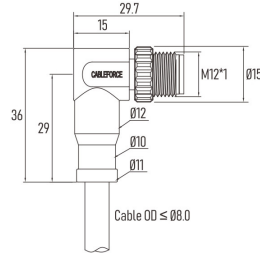


## M12 A-Code 5Pin male right angled connector, 360° shielded, molded with 5x22AWG cable

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.:** MC05C1RSASB-22xx xx

**Contacts Poles:** 05 Pin

**Connector Gender:** Male connector

**Cable Jacket:** PVC, PUR, halogen-free, TPE 90

**Current Rating:** 4 A

**Wire Gauge (size):** 22AWG/ 0.34mm<sup>2</sup>

**Keyway Coding:** A-Coding

**EMC Shielding:** 360° fully shielded

### Product data

Contacts Poles:	05 Pin	Cable Length:	Customized lengths
Connector Gender:	Male connector	Cable Jacket:	PVC, PUR, halogen-free, TPE 90°, Custom cable material
Current Rating:	4 A	Wire Gauge (size):	22AWG/ 0.34mm <sup>2</sup>
Voltage Rating:	60V	Wire Insulation:	PVC, PP, HDPE
Keyway Coding:	A-Coding	EMC Shielding:	360° fully shielded
Straight/ 90° Angled:	90° 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:	3-years quality guarantee period
Compliance:	RoHS compliant	Reference Standard:	IEC 61076-2-101
Products Certification:	UL Certified, CUL Certified, CE/ EMC, IP67, IP69K	Connector Type:	Cable molding type (extension cable)

### 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, Y-Coding.

- 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
- 2, 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