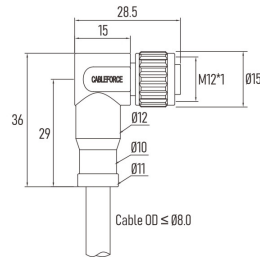


## M12 A-Code 8Pin female right angled connector, 360° shielded, molded with 8x24AWG cable

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**Part No.:** MC08C2RSASB-24xx xx

**Contacts Poles:** 08 Pin

**Connector Gender:** Female connector

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

**Current Rating:** 2 A

**Wire Gauge (size):** 24AWG/ 0.25mm<sup>2</sup>

**Keyway Coding:** A-Coding

**EMC Shielding:** 360° fully shielded

### Product data

|                         |   |                        |  |
|-------------------------|---|------------------------|--|
| Contacts Poles:         | 08 Pin  | Cable Length:          | Customized lengths                                     |
| Connector Gender:       | Female connector                                  | Cable Jacket:          | PVC, PUR, halogen-free, TPE 90□, Custom cable material |
| Current Rating:         | 2 A   | Wire Gauge (size):     | 24AWG/ 0.25mm <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:      | Phosphor bronze, 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