

## M12 X-Code 8Pin male to male, straight, molded 4x2x26AWG 10Gbps PROFINET PUR cable

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**Part No.:** MC08C5LSXSB26RLBxxPFN

**Cable Length:** Customized lengths

**Connector Gender:** Male to male double ended

**Wire Gauge (size):** 26AWG/ 0.14mm<sup>2</sup>

**Keyway Coding:** X-Coding

**EMC Shielding:** 360° fully shielded

**Straight/ 90° Angled:** 180° Straight

**Drag chain bending life:** 2 million cycles

### Product data

|                          |                            |                          |   |
|--------------------------|----------------------------|--------------------------|---|
| Contacts Poles:          | 08 Pin                     | Cable Length:            | Customized lengths                                  |
| Connector Gender:        | Male to male double ended  | Cable Jacket:            | PUR, halogen-free                                   |
| Current Rating:          | 0.5 A                      | Wire Gauge (size):       | 26AWG/ 0.14mm <sup>2</sup>                          |
| Voltage Rating:          | 48V                        | Wire Insulation:         | Foamed PE   |
| Keyway Coding:           | X-Coding                   | EMC Shielding:           | 360° fully shielded                                 |
| Straight/ 90° Angled:    | 180° Straight              | Cable Color:             | Lake blue (dark green)                              |
| Contacts Termination:    | Crimping                   | Temperature Rating:      | -40°C ~ + 80°C                                      |
| Contacts Material:       | Brass, machined solid pin  | Cable Flamability:       | VW-1  |
| Contacts Plating:        | 3μ" Gold plating thickness | Cable Features:          | Anti-Vibration, Hydrolysis resistant, Oil 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                      | Pollution Degree:        | III   |
| Connector Flamability:   | UL94 HB                    | Waterproof Depth:        | IP67 1m depth 30 minutes                            |
| Plug Mating Life:        | 500 times                  | Warranty:                | 2-years quality guarantee period                    |
| Compliance:              | RoHS compliant             | Reference Standard:      | IEC 61076-2-101, Profinet, EtherCAT                 |
| Products Certification:  | CE/ EMC, IP67              | Connector Type:          | Cable molding type (extension cable)                |
| Drag chain bending life: | 2 million cycles           | Charateristic Impedance: | 100Ω +/-12  |

### Description

CABLEFORCE offers tailor-made industrial PROFINET connecting cable cordsets. We are also supplying of other fieldbus cables compatible with most major fieldbus protocols, including CANopen, PROFIBUS, DeviceNet™, CAN Bus, CC-Link and ASI Bus and industrial EtherCAT, EtherNet/IP™ and other industrial Ethernet protocols with bandwidth from Cat 5e, Cat 6A to Cat7.

**We provide customers with the following cable custom services:**

- Custom cable color and length, custom print and labeling as well as packaging
- Custom Material: Extreme Temperature Resistant, High Flexible, UV Resistance, Oil Resistance, LSZH, Hydrolysis Resistance, Anti-Corrosion;
- Connector Configuration: Single Ended, Double Ended, multi Ended, multi-core wire, mixed joint and other configurations;
- Mechanical Reliable: Mating Life, EMI/EMC Shielding, Waterproof, Dustproof, Anti Vibration, Abrasion

Resistant, Bending Endurance, Drag Chain, Welding resistant, etc.;

- Transmission Performance: Bandwidth, Voltage and Current rating, Impedance and Measurement Accuracy, etc.

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