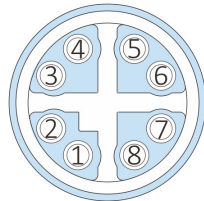


## M12 X-Code 8Pin male to female connector, molded 4x2x26AWG 10Gbps PROFINET PUR cable

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.:** MC08C3LSXSB26RLBxxPFN

**Cable Length:** Customized lengths

**Connector Gender:** Male to female connector, 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, 90° right angled

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

### Product data

|                          |  |                           |   |
|--------------------------|--|---------------------------|---|
| Contacts Poles:          | 08 Pin   | Cable Length:             | Customized lengths                                  |
| Connector Gender:        | Male to female connector, 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, 90° right angled                                | Cable Color:              | Lake blue (dark green)                              |
| Contacts Termination:    | Crimping   | Temperature Rating:       | -40°C ~ + 80°C                                      |
| Contacts Material:       | Phosphor bronze, machined solid pin, 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   | Characteristic 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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