

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

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Part No.: MC08C5L/RSXSB26RLBxxPFN
Cable Length: Customized lengths
Connector Gender: Male to male double ended
Wire Gauge (size): 26AWG/ 0.14mm²
Keyway Coding: X-Coding
EMC Shielding: 360° fully shielded
Straight/ 90° Angled: 180° Straight, 90° right an
Drag chain bending life: 2 million cycles

Product data

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|--------------------------|---------------------------------|--------------------------|-----------------------------------------------------|
| 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 ² |
| 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: | 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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