



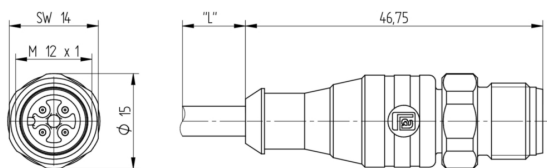
Product: [PRST 4-07](#)

M12 F&B (PVC) Sensor/Actuator Single-Ended Cordset: Male, straight, 4-pin, A-coded, orange body, 230 V AC/DC, 4 A; PVC orange cable, 4-wires, 0.25 mm²

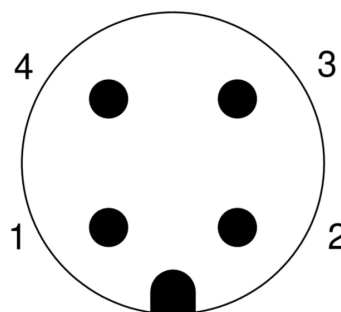
Product Description

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Technical Drawing



Male



Technical Specifications

Face View

| Pin 1 | Pin 2 | Pin 3 | Pin 4 |
|-------|-------|-------|-------|
| brown | white | blue | black |

Technical Data

| | |
|--------------------------------|------------------------------|
| Product Family: | Sensor / Actuator Connectors |
| Side 1 Product Sub Family: | M12 F&B (PVC) |
| Brand: | Lumberg Automation |
| Connector Type: | Cordset, single ended |
| Side 1 Type of Contact/Gender: | Male |
| Connector Design: | Straight |
| Number of Pins: | 4 |
| Coding, Side 1: | A |
| Shielding Type: | Unshielded |
| Attachment Type: | Coupling Screw |
| Voltage Rating: | 250 V |
| Rated Impulse Voltage: | 2.5 kV |
| Operating Voltage: | 230 V AC/DC |
| Current Rating: | 4 A |
| Side 1 Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10 ⁹ Ohm |

| | |
|-----------------------------------|--|
| Mating Cycles: | ≤ 100 |
| Ambient Temperature (Operation)*: | - 25 °C - + 50 °C |
| Protection Degree / IP Rating**: | IP65, IP67 |
| Side 1 Design Standard: | IEC 61076-2-101 |
| Side 1 Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Overvoltage Category: | II acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

| | |
|--------------------------|-----------------|
| Contact Base Material: | CuZn |
| Side 1 Contact Plating: | Cu/Au |
| Contact Bearer Material: | PVC |
| Contact Bearer Color: | Orange |
| Molded Body Material: | PVC |
| Molded Body Color: | Orange |
| Attachment Material: | Stainless Steel |

Additional Technical Data

| | |
|--------------------------------|---------------------------------|
| Fastening Torque (Attachment): | M 12x1: (50-60) Ncm, hand-tight |
|--------------------------------|---------------------------------|

Cable Data

| | |
|---|--|
| Cable Number: | 007 |
| Conductor Size: | 0.25 mm ² |
| Number of Wires: | 4 |
| Minimal Bending Radius (Fixed Inst): | > 5 x D |
| Minimal Bending Radius (Flexible Inst): | > 10 x D |
| Cycles (Bending): | > 1 M |
| Conductor Material: | Cu |
| Cable Jacket Material: | PVC |
| Cable Jacket Color: | orange |
| Cable Diameter D: | ø 5.0 ± 0.2 mm |
| Wire Insulation Material: | PVC |
| Insulated Wire Diameter: | ø 1.35 mm |
| Ambient Temperature (Fixed Installation): | - 40 °C - + 90 °C (UL: + 80 °C) |
| Ambient Temperature (Flex Installation): | + 5 °C - + 90 °C (UL: + 80 °C) |
| Ambient Temperature (Drag Chain Inst): | + 5 °C - + 60 °C |
| UL Cable Type: | AWM: 2464 |
| Flammability Class (Cable Jacket): | DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL VW-1 |
| Cable Characteristics: | Free of lacquer wetting disturbing substances; Exclusion of silicone |

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | yes |
|-----------------|-----|

Resistances

| | |
|-----------------|----------------------------------|
| Oil Resistance: | Good chemical and oil resistance |
|-----------------|----------------------------------|

Notes

| | |
|-------------------------------------|--|
| Note Derating: | Notice derating |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
| Note: | Do not connect or disconnect under load. |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.62 Revision Date: 02-20-2026 |
|----------------------|---|

Variants

| Item # | Item Description | Cable Length | Rated Current |
|--------|------------------|--------------|---------------|
| 989 | PRST 4-07/15 M | 15 m | 4 A |
| 18230 | PRST 4-07/10 M | 10 m | 4 A |
| 38298 | PRST 4-07/2 M | 2 m | 4 A |
| 46896 | PRST 4-07/25 M | 25 m | 4 A |

| | | | |
|-------|-----------------|-------|-----|
| 59202 | PRST 4-07/5 M | 5 m | 4 A |
| 75944 | PRST 4-07/0,3 M | 0.3 m | 4 A |
| 15642 | PRST 4-07/0,5 M | 0.5 m | 4 A |

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