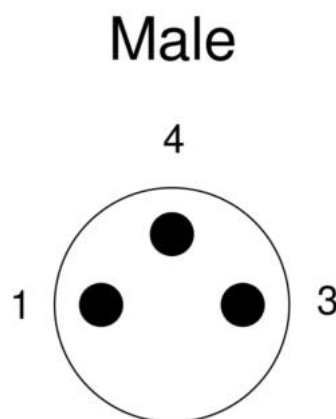
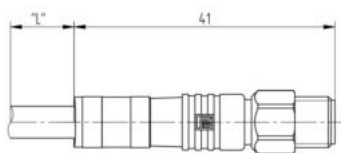
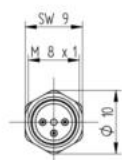


**Product:** [PRSMV 3-06](#) 

M8 F&B (PVC) Sensor/Actuator Single-Ended Cordset: Male, straight, 3-pin, A-coded, orange body, 50 V AC / 60 V DC, 4 A; PVC orange cable, 3-wires, 0.34 mm<sup>2</sup>

**Product Description**

M8 F&B (PVC) Sensor/Actuator Single-Ended Cordset: Male, straight, 3-pin, A-coded, orange body, 50 V AC / 60 V DC, 4 A; PVC orange cable, 3-wires, 0.34 mm<sup>2</sup>

**Technical Drawing****Technical Specifications****Face View**

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

**Technical Data**

|                           |                              |
|---------------------------|------------------------------|
| Product Family:           | Sensor / Actuator Connectors |
| Product Sub Family:       | M8 F&B (PVC)                 |
| Brand:                    | Lumberg Automation           |
| Connector Type:           | Cordset, single ended        |
| Type of Contact / Gender: | Male                         |
| Connector Design:         | Straight                     |
| Number of Pins:           | 3                            |
| Coding:                   | A                            |
| Shielding:                | Unshielded                   |
| Attachment Type:          | Coupling Screw               |
| Rated Voltage:            | 60 V                         |
| Rated Impulse Voltage:    | 1.5 kV                       |
| Operating Voltage:        | 50 V AC / 60 V DC            |
| Rated Current*:           | 4 A                          |
| Contact Resistance:       | ≤ 10 mOhm                    |
| Insulation Resistance:    | > 10 <sup>9</sup> Ohm        |

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Mating Cycles:                    | ≤ 100                                   |
| Ambient Temperature (Operation)*: | - 25 °C - + 70 °C                       |
| Protection Degree / IP Rating**:  | IP65, IP67, IP69K                       |
| Design Standard:                  | IEC 61076-2-104                         |
| Pollution Degree:                 | 3 acc. to DIN EN 60664-1 (VDE 0110-1)   |
| Overvoltage Category:             | III acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

|                          |                 |
|--------------------------|-----------------|
| Contact Base Material:   | CuSn            |
| 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 8x1: 30 Ncm, hand-tight |
|--------------------------------|---------------------------|

Cable Data

|                                           |                                                                      |
|-------------------------------------------|----------------------------------------------------------------------|
| Cable Number:                             | 006                                                                  |
| Conductor Size:                           | 0.34 mm²                                                             |
| Number of Wires:                          | 3                                                                    |
| 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 1.50 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.                                                     |

Variants

| Item #    | Item Description      | Cable Length |
|-----------|-----------------------|--------------|
| 934774001 | PRSMV 3-06/2 M - 69K  | 2 m          |
| 934774002 | PRSMV 3-06/5 M - 69K  | 5 m          |
| 934774003 | PRSMV 3-06/10 M - 69K | 10 m         |
| 934774004 | PRSMV 3-06/15 M - 69K | 15 m         |
| 934774005 | PRSMV 3-06/20 M - 69K | 20 m         |

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