

# Actuator/Sensor Connectors

## Double-ended Overmolded Cordset, M8 Male Connector to M8 Female Connector, Food & Beverage

### Technical Information

| Product Description          |  |   |   |
|------------------------------|--|---|---|
| Order Designation            | WRSMV-WRKMV  | WRSMV-WRKMVW  | WRSMV-WRKMVW/LED  |
|                              |  |   |   |
| Description                  | Cordset for actuators and sensors, M8 male with screw coupling, straight to M8 female straight, with screw coupling and overmolded cable, stainless steel hexagonal nut, 3 and 4-pin | Cordset for actuators and sensors, M8 male with screw coupling, straight, to M8 female angled, with screw coupling and overmolded cable, stainless steel hexagonal nut, 3 and 4-pin | Cordset for actuators and sensors, M8 male with screw coupling, straight to M8 female, angled, with screw coupling and overmolded cable, stainless steel hexagonal nut, with LED operation and function indicators, 3-pin |
| Note                         | Especially suitable for use in wash-down applications.   |   |   |
| RoHS-Compliant (2011/65/EU)  | Yes  |   |   |
| (Construction Type) Standard | IEC 61076-2-104 (M8)   |   |   |
| Approvals                    | UL, ECOLAB   |   |   |

| Technical Data                  |  |
|---------------------------------|--|
| Temperature Range               | -40°C to +105°C (UL rated up to +65°C) |
| Housing Material/Grip           | PP                                     |
| Contact Holder Material         | PP                                     |
| Contact Material/Surface Finish | CuSn, Cu/Au                            |
| Screw Coupling Material         | Stainless steel                        |

| Mechanical Data      |   |
|----------------------|---|
| Degree of Protection | IP67, IP68, IP69K (IEC 60529; only when mated with Hirschmann/Lumberg counterparts) |

| Electrical Data    |   |
|--------------------|---|
| Contact Resistance | ≤ 5 mΩ                                  |
| Operating Voltage  | 3-pin 50 V AC/60 V DC, 4-pin 30 V AC/DC |
| Rated Current      | 4 A                                     |
| Pollution Degree   | 3                                       |

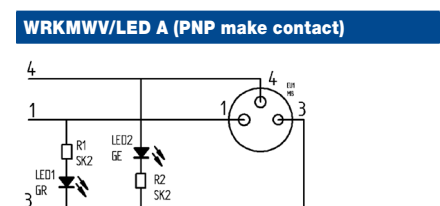
| Technical Drawing |  |  |  |
|-------------------|--|--|--|
|                   |  |  |  |

L = Standard length of cable

### Pin Assignment























































































































































| 3-pin | 4-pin |
|-------|-------|
|       |       |

### Circuit Diagram



Special circuitry available upon request

**Order Information**

| Order No. | Order Designation               | No. of Pins | Jacket                         | Characteristics   |
|-----------|---------------------------------|-------------|--------------------------------|---|
| 934737049 | WRSMV 3-WRKMV 3-520/0.6 M       | 3           | TPE-V, flame-resistant, orange |                |
| 934737050 | WRSMV 3-WRKMV 3-520/1 M         | 3           | TPE-V, flame-resistant, orange |                |
| 934737051 | WRSMV 3-WRKMV 3-520/2 M         | 3           | TPE-V, flame-resistant, orange |                |
| 934737052 | WRSMV 3-WRKMV 3-520/5 M         | 3           | TPE-V, flame-resistant, orange |                |
| 934737053 | WRSMV 3-WRKMV 3-520/10 M        | 3           | TPE-V, flame-resistant, orange |                |
| 934737054 | WRSMV 3-WRKMV 3-520/15 M        | 3           | TPE-V, flame-resistant, orange |                |
| 934737061 | WRSMV 4-WRKMV 4-521/0.6 M       | 4           | TPE-V, flame-resistant, orange |                |
| 934737062 | WRSMV 4-WRKMV 4-521/1 M         | 4           | TPE-V, flame-resistant, orange |                |
| 934737063 | WRSMV 4-WRKMV 4-521/2 M         | 4           | TPE-V, flame-resistant, orange |                |
| 934737064 | WRSMV 4-WRKMV 4-521/5 M         | 4           | TPE-V, flame-resistant, orange |                |
| 934737065 | WRSMV 4-WRKMV 4-521/10 M        | 4           | TPE-V, flame-resistant, orange |                |
| 934737066 | WRSMV 4-WRKMV 4-521/15 M        | 4           | TPE-V, flame-resistant, orange |           |
| 934737055 | WRSMV 3-WRKMV 3-520/0.6 M       | 3           | TPE-V, flame-resistant, orange |      |
| 934737056 | WRSMV 3-WRKMV 3-520/1 M         | 3           | TPE-V, flame-resistant, orange |      |
| 934737057 | WRSMV 3-WRKMV 3-520/2 M         | 3           | TPE-V, flame-resistant, orange |      |
| 934737058 | WRSMV 3-WRKMV 3-520/5 M         | 3           | TPE-V, flame-resistant, orange |      |
| 934737059 | WRSMV 3-WRKMV 3-520/10 M        | 3           | TPE-V, flame-resistant, orange |      |
| 934737060 | WRSMV 3-WRKMV 3-520/15 M        | 3           | TPE-V, flame-resistant, orange |      |
| 934737067 | WRSMV 4-WRKMV 4-521/0.6 M       | 4           | TPE-V, flame-resistant, orange |      |
| 934737068 | WRSMV 4-WRKMV 4-521/1 M         | 4           | TPE-V, flame-resistant, orange |      |
| 934737069 | WRSMV 4-WRKMV 4-521/2 M         | 4           | TPE-V, flame-resistant, orange |      |
| 934737070 | WRSMV 4-WRKMV 4-521/5 M         | 4           | TPE-V, flame-resistant, orange |      |
| 934737071 | WRSMV 4-WRKMV 4-521/10 M        | 4           | TPE-V, flame-resistant, orange |      |
| 934737072 | WRSMV 4-WRKMV 4-521/15 M        | 4           | TPE-V, flame-resistant, orange |      |
| 934753001 | WRSMV 3-WRKMV/LED A 3-520/0.6 M | 3           | TPE-V, flame-resistant, orange |      |
| 934753002 | WRSMV 3-WRKMV/LED A 3-520/1 M   | 3           | TPE-V, flame-resistant, orange |      |
| 934753003 | WRSMV 3-WRKMV/LED A 3-520/2 M   | 3           | TPE-V, flame-resistant, orange |      |
| 934753004 | WRSMV 3-WRKMV/LED A 3-520/5 M   | 3           | TPE-V, flame-resistant, orange |      |
| 934753005 | WRSMV 3-WRKMV/LED A 3-520/10 M  | 3           | TPE-V, flame-resistant, orange |      |
| 934753006 | WRSMV 3-WRKMV/LED A 3-520/15 M  | 3           | TPE-V, flame-resistant, orange |      |