

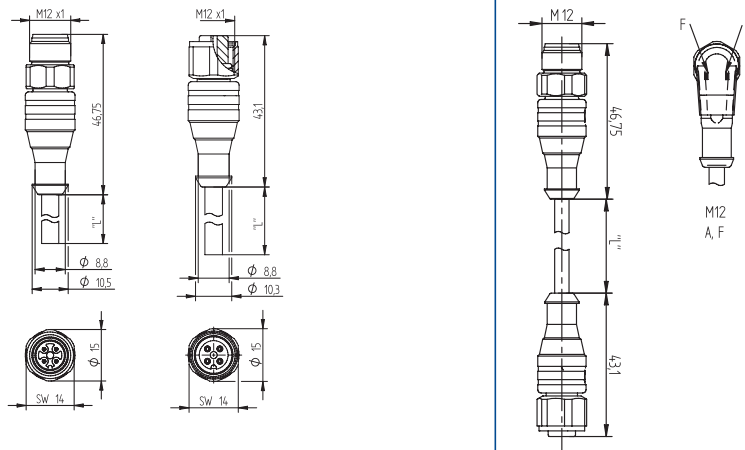


## Actuator/Sensor Connectors Double-ended Overmolded Cordset, M12 Male Connectors to M12 Female Connectors for Food & Beverage









### Technical Information

| Product Description             |   |  |
|---------------------------------|---|--|
| Order Designation               | WRST-WRKT   | WRST-WRKT/LED  |
|                                 |    |    |
| Description                     | Cordset for actuators and sensors, M12 male, with self-locking screw coupling, straight, to M12 female, with self-locking screw coupling, straight, stainless steel hexagonal nut, 3, 4, 5, and 8-pin | Cordset for actuators and sensors, M12 male, with self-locking screw coupling, straight, to M12 female, with self-locking screw coupling, angled, stainless steel hexagonal nut, with LED operation and function indicators, 3 and 4-pin |
| Note                            | Especially suitable for use in wash-down applications.  |  |
| RoHS-Compliant (2011/65/EU)     | Yes   |  |
| (Construction Type) Standard    | IEC 61076-2-101 (M12)   |  |
| 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 and 4-pin 230 V AC/DC, 5-pin 50 V AC/60 V DC, 8-pin 30 V AC/DC  | 24 V DC  |
| Rated Current                   | 3, 4, and 5-pin 4 A, 8-pin 2 A  | 4 A  |
| Pollution Degree                | 3   |  |
| Technical Drawing               |   |  |

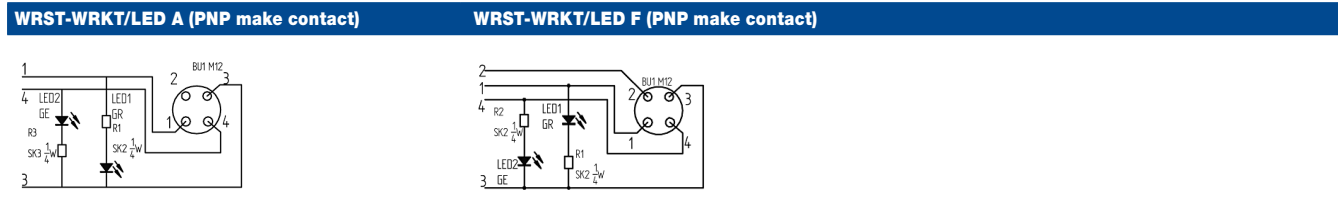


L = Standard length of cable

### Pin Assignment

| 3-pin  | 4-pin   | 5-pin   | 8-pin  |
|--|---|---|--|
|  <ul style="list-style-type: none"> <li>1 = brown</li> <li>2 = n.c.</li> <li>3 = blue</li> <li>4 = black</li> </ul> |  <ul style="list-style-type: none"> <li>1 = brown</li> <li>2 = white</li> <li>3 = blue</li> <li>4 = black</li> </ul> |  <ul style="list-style-type: none"> <li>1 = brown</li> <li>2 = white</li> <li>3 = blue</li> <li>4 = black</li> <li>5 = gray</li> </ul> |  <ul style="list-style-type: none"> <li>1 = white</li> <li>2 = brown</li> <li>3 = green</li> <li>4 = yellow</li> <li>5 = gray</li> <li>6 = pink</li> <li>7 = blue</li> <li>8 = red</li> </ul> |
|   |    |    |   |

**Circuit Diagram**



**Order Information**

| Order No. | Order Designation               | No. of Pins | Jacket                         | Characteristics |
|-----------|---------------------------------|-------------|--------------------------------|-----------------|
| 934737001 | WRST 3-WRKT 4-3-520/0.6 M       | 3           | TPE-V, flame-resistant, orange |                 |
| 934737002 | WRST 3-WRKT 4-3-520/1 M         | 3           | TPE-V, flame-resistant, orange |                 |
| 934737003 | WRST 3-WRKT 4-3-520/2 M         | 3           | TPE-V, flame-resistant, orange |                 |
| 934737004 | WRST 3-WRKT 4-3-520/5 M         | 3           | TPE-V, flame-resistant, orange |                 |
| 934737005 | WRST 3-WRKT 4-3-520/10 M        | 3           | TPE-V, flame-resistant, orange |                 |
| 934737006 | WRST 3-WRKT 4-3-520/15 M        | 3           | TPE-V, flame-resistant, orange |                 |
| 934737007 | WRST 4-WRKT 4-521/0.6 M         | 4           | TPE-V, flame-resistant, orange |                 |
| 934737008 | WRST 4-WRKT 4-521/1 M           | 4           | TPE-V, flame-resistant, orange |                 |
| 934737009 | WRST 4-WRKT 4-521/2 M           | 4           | TPE-V, flame-resistant, orange |                 |
| 934737010 | WRST 4-WRKT 4-521/5 M           | 4           | TPE-V, flame-resistant, orange |                 |
| 934737011 | WRST 4-WRKT 4-521/10 M          | 4           | TPE-V, flame-resistant, orange |                 |
| 934737012 | WRST 4-WRKT 4-521/15 M          | 4           | TPE-V, flame-resistant, orange |                 |
| 10419     | WRST 5-WRKT 5-522/0.6 M         | 5           | TPE-V, flame-resistant, orange |                 |
| 10420     | WRST 5-WRKT 5-522/1 M           | 5           | TPE-V, flame-resistant, orange |                 |
| 10421     | WRST 5-WRKT 5-522/2 M           | 5           | TPE-V, flame-resistant, orange |                 |
| 4213      | WRST 5-WRKT 5-522/5 M           | 5           | TPE-V, flame-resistant, orange |                 |
| 10422     | WRST 5-WRKT 5-522/10 M          | 5           | TPE-V, flame-resistant, orange |                 |
| 10423     | WRST 5-WRKT 5-522/15 M          | 5           | TPE-V, flame-resistant, orange |                 |
| 10426     | WRST 8-WRKT 8-523/0.6 M         | 8           | TPE-V, flame-resistant, orange |                 |
| 10428     | WRST 8-WRKT 8-523/1 M           | 8           | TPE-V, flame-resistant, orange |                 |
| 8890      | WRST 8-WRKT 8-523/2 M           | 8           | TPE-V, flame-resistant, orange |                 |
| 10429     | WRST 8-WRKT 8-523/5 M           | 8           | TPE-V, flame-resistant, orange |                 |
| 10430     | WRST 8-WRKT 8-523/10 M          | 8           | TPE-V, flame-resistant, orange |                 |
| 10431     | WRST 8-WRKT 8-523/15 M          | 8           | TPE-V, flame-resistant, orange |                 |
| 934753019 | WRST 3-WRKT/LED A 4-3-520/0.6 M | 3           | TPE-V, flame-resistant, orange |                 |
| 934753020 | WRST 3-WRKT/LED A 4-3-520/1 M   | 3           | TPE-V, flame-resistant, orange |                 |
| 934753021 | WRST 3-WRKT/LED A 4-3-520/2 M   | 3           | TPE-V, flame-resistant, orange |                 |
| 934753022 | WRST 3-WRKT/LED A 4-3-520/5 M   | 3           | TPE-V, flame-resistant, orange |                 |
| 934753023 | WRST 3-WRKT/LED A 4-3-520/10 M  | 3           | TPE-V, flame-resistant, orange |                 |
| 934753024 | WRST 3-WRKT/LED A 4-3-520/15 M  | 3           | TPE-V, flame-resistant, orange |                 |
| 934753025 | WRST 4-WRKT/LED F 4-521/0.6 M   | 4           | TPE-V, flame-resistant, orange |                 |
| 934753026 | WRST 4-WRKT/LED F 4-521/1 M     | 4           | TPE-V, flame-resistant, orange |                 |
| 934753027 | WRST 4-WRKT/LED F 4-521/2 M     | 4           | TPE-V, flame-resistant, orange |                 |
| 934753028 | WRST 4-WRKT/LED F 4-521/5 M     | 4           | TPE-V, flame-resistant, orange |                 |
| 934753029 | WRST 4-WRKT/LED F 4-521/10 M    | 4           | TPE-V, flame-resistant, orange |                 |
| 934753030 | WRST 4-WRKT/LED F 4-521/15 M    | 4           | TPE-V, flame-resistant, orange |                 |