

**M12 / M8-Double-Ended Cordsets for Actuators, Sensors and Distribution Boxes**

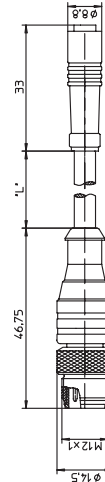
**RST-RKM | RST-RKMV**



**3-Poles**

Actuator/sensor cordset, double-ended, M12, 3-pole, male straight to M8, 3-pole female straight, snap-in connector and molded cable.

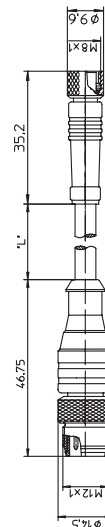
**RST-RKM**



**3- and 4-Poles**

Actuator/sensor cordset, double-ended, M12, 3- or 4-pole, male straight to M8, 3- or 4-pole female straight connector with threaded joint and molded cable.

**RST-RKMV**



**Pin Assignments**

**M12 / M8 - Male / Female**

**3 poles**



- 1 = brown
- 3 = blue
- 4 = black



**4 poles**



- 1 = brown
- 2 = white
- 3 = blue
- 4 = black



# Be Certain with Belden

## M12 / M8-Double-Ended Cordsets for Actuators, Sensors and Distribution Boxes RST-RKM | RST-RKMW

### Technical Data

#### Environmental

|                             |                                |
|-----------------------------|--------------------------------|
| Degree of protection        | RST: IP67<br>RSKMV: IP67/IP69K |
| Operating temperature range | -25°C (-13°F) / +80°C (+176°F) |

#### Mechanical

|                       |   |
|-----------------------|---|
| Housing / Molded body | TPU   |
| Insert                | RST: TPU<br>RKM / RKMV: PA / TPU                |
| Contact               | CuZn, pre-nickel and<br>0.8 microns gold-plated |
| Coupling nut          | CuZn, nickel-plated                             |
| O-ring                | FKM (only RKMV)                                 |

#### Electrical

|                         |                                |
|-------------------------|--------------------------------|
| Nominal current at 40°C | 4 A                            |
| Rated voltage           | 3-Poles: 63 V<br>4-Poles: 36 V |
| Test voltage            | 1.5 kV eff. / 60 s             |
| Insulation resistance   | > 10 <sup>9</sup> Ω            |
| Pollution degree        | 3                              |












### Cable Specifications

| Cable No. | Outer Jacket      | Gauge                    | Jacket Color | OD             | Agency Approvals                  |
|-----------|-------------------|--------------------------|--------------|----------------|-----------------------------------|
| 224       | PUR, halogen-free | 3 x 0.34 mm <sup>2</sup> | Black        | .169" (4.3 mm) | UL: AWM 21198 / CSA: AWM I/II A/B |
| 225       | PUR, halogen-free | 4 x 0.34 mm <sup>2</sup> | Black        | .185" (4.7 mm) | UL: AWM 21198 / CSA: AWM I/II A/B |

Flex rating:

C-Track flexing: Greater than 5 million bending cycles guaranteed

Torsion flexing: – Greater than 5 million cycles guaranteed – +/- 360° per 1 m length

| Part Number           | Pins | Standard Cable Lengths                  | Characteristics   |
|-----------------------|------|---|---|
| RST 3-RKM 3-224/...M  | 3    | 0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M |      |
| RST 3-RKMV 3-224/...M |      | 0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M |     |
| RST 4-RKMV 4-225/...M | 4    | 0.3 M / 0.6 M / 1 M / 2 M / 5 M         |     |