

**M8-Round-Plug Connector, Single-Ended Cordsets,  
According to IEC 61976-2-104**

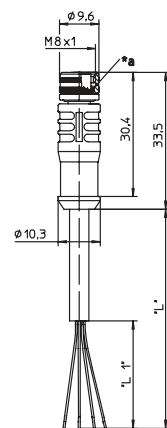
**RKMVS | RKMVVS**



**3- and 4-Poles**

Actuator/sensor cordset, single-ended, M8, 3- and 4-poles, female straight connector with self-locking threaded joint and molded cable, shielding connected to knurled nut.

**RKMVS**

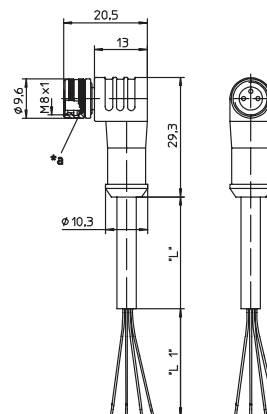


\*a O-Ring  
L 1 Stripping 30 mm



Actuator/sensor cordset, single-ended, M8, 3- and 4-poles, female 90° connector with self-locking threaded joint and molded cable, shielding connected to knurled nut.

**RKMVVS**

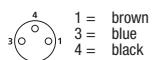


\*a O-Ring  
L 1 Stripping 30 mm

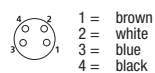
**Pin Assignments**

**M8**

**3 poles**



**4 poles**





Be Certain with Belden

**M8-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61976-2-104**

RKMVS | RKMWVS

**Technical Data**

**Environmental**

Degree of protection IP 67 / NEMA 6P  
 Operating temperature range -30°C (-22°F) / +90°C (+194°F)

**Mechanical**

Housing / Molded body TPU  
 Insert TPU, fibre-glass reinforced  
 Contact CuZn, gold-plated  
 Coupling nut CuZn, nickel-plated  
 O-ring FKM

**Electrical data**

Contact resistance ≤ 5 mΩ  
 Nominal current at 40°C 4 A  
 Nominal voltage 3 poles 60 V  
 4 poles 30 V  
 Rated voltage 3 poles 63 V  
 4 poles 36 V  
 Test voltage 500 V eff. / 60 s  
 Insulation resistance > 10<sup>9</sup> Ω  
 Pollution degree 3/2

**Cable Specifications**

| Cable No. | Outer Jacket      | Conductor Size           | Jacket Color | OD             |
|-----------|-------------------|--------------------------|--------------|----------------|
| 357       | PUR, halogen-free | 3 x 0.25 mm <sup>2</sup> | Grey         | .181" (4.6 mm) |
| 358       | PUR, halogen-free | 4 x 0.25 mm <sup>2</sup> | Grey         | .205" (5.2 mm) |

| Part Number      | Pins | Outer Jacket      | Standard Cable Lengths | Characteristics |
|------------------|------|-------------------|------------------------|-----------------|
| RKMVS 3-357/...M | 3    | PUR, halogen-free | 5 M                    |                 |
| RKMVS 4-358/...M | 4    | PUR, halogen-free | 5 M                    |                 |
|                  |      |                   |                        |                 |
|                  |      |                   |                        |                 |

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