

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

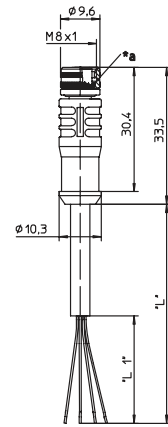
**RKMVS | RKMVVS**



**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**

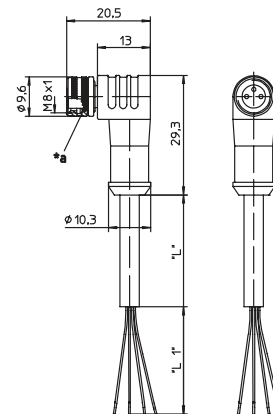


\*a O-Ring  
L 1 Stripping 30 mm



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**

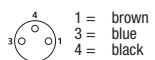


\*a O-Ring  
L 1 Stripping 30 mm

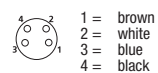
**Pin Assignments**

**M8**

**3 poles**



**4 poles**





Be Certain with Belden

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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	