

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

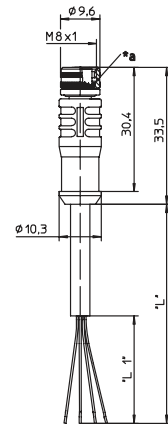
**RKMVS | RKMWVS**



**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**

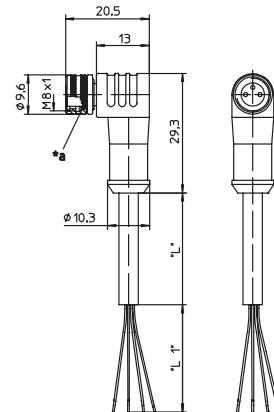


\*a O-Ring  
L 1 Stripping 30 mm



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.

**RKMWVS**

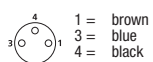


\*a O-Ring  
L 1 Stripping 30 mm

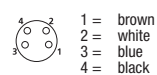
**Pin Assignments**

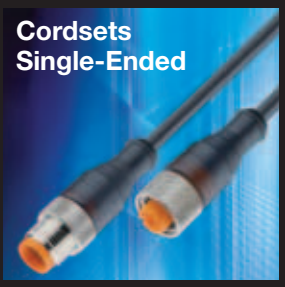
**M8**

**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	 



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