

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

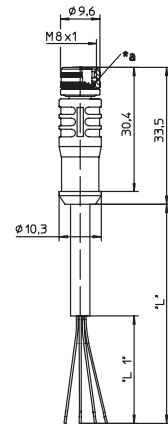
RKMVS | RKMVVS



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

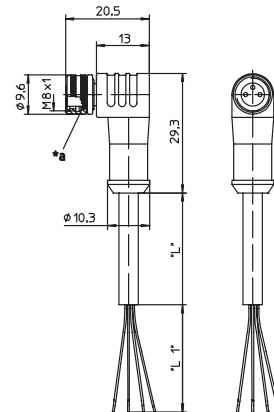


*a O-Ring
L 1 Stripping 30 mm



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

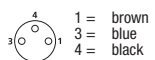


*a O-Ring
L 1 Stripping 30 mm

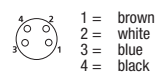
Pin Assignments

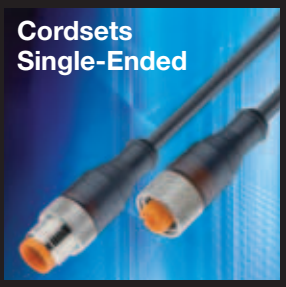
M8

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 > 10⁹ 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 ²	Grey	.181" (4.6 mm)
358	PUR, halogen-free	4 x 0.25 mm ²	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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