

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

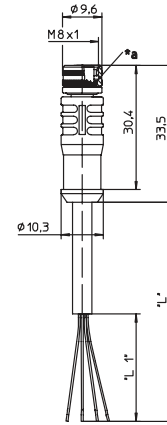
### RKMVS | RKMWVS



### 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

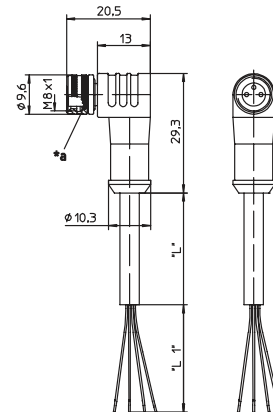


\*a O-Ring  
L 1 Stripping 30 mm



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

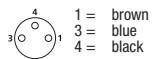


\*a O-Ring  
L 1 Stripping 30 mm

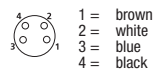
### Pin Assignments

#### M8

#### 3 poles



#### 4 poles





Be Certain with Belden

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### 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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## Lumberg Automation:

[RKMVS 3-357/5 M](#) [RKMWVS 3-357/5 M](#) [RKMWVS 4-358/15 M](#) [RKMVS 3-357/2 M](#) [RKMVS 3-357/3 M](#) [RKMWVS 4-358/5 M](#)