

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

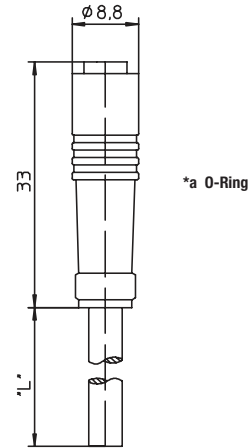
RKM | RKMW



**3- and 4-Poles**

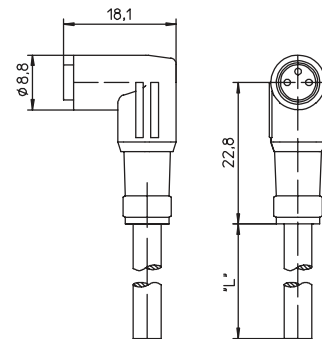
Actuator/sensor cordset, single-ended, M8  
3- and 4-poles, female straight connector with  
snap-in joint and molded cable.

**RKM**



Actuator/sensor cordset, single-ended, M8 3-  
and 4-poles, female 90° connector with snap-in  
joint and molded cable.

**RKMW**

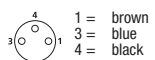


\*a O-Ring

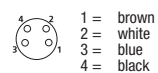
**Pin Assignments**

**M8**

**3 poles**



**4 poles**





# Be Certain with Belden

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

RKM 3 | RKM 4 | RKMW 3 | RKMW 4

### Technical Data

#### Environmental

Degree of protection IP 65  
Operating temperature range -40°C (-40°F) / +90°C (+194°F)

#### Mechanical

Housing / Molded body TPU  
Insert PA / TPU  
Contact CuZn, pre-nickel and 0.8 microns gold-plated  
Coupling nut CuZn, nickel-plated

#### 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 3 poles 1.5 kV eff. / 60 s  
4 poles 0.8 kV eff. / 60 s  
Insulation resistance > 10<sup>9</sup> Ω  
Pollution degree 3

### Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
06	PVC	3 x 0.34 mm <sup>2</sup>	Orange	.197" (5.0 mm)
07	PVC	4 x 0.75 mm <sup>2</sup>	Orange	.197" (5.0 mm)
224	PUR, halogen-free	3 x 0.34 mm <sup>2</sup>	Black	.169" (4.3 mm)
225	PUR, halogen-free	4 x 0.34 mm <sup>2</sup>	Black	.185" (4.7 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RKM 3-06/...M	3	PVC	2 M / 5 M / 10 M	
RKM 3-224/...M		PUR, halogen-free	2 M / 5 M / 10 M	
RKM 4-07/...M	4	PVC	2 M / 5 M / 10 M	
RKM 4-225/...M		PUR, halogen-free	2 M / 5 M / 10 M	

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