

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

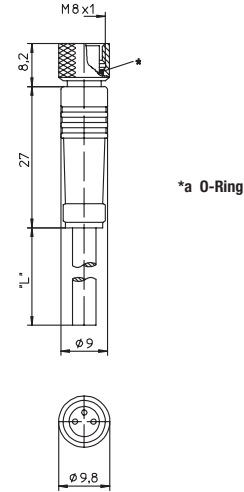
RKMV | RKMVV



**3-, 4-, and 8-Poles**

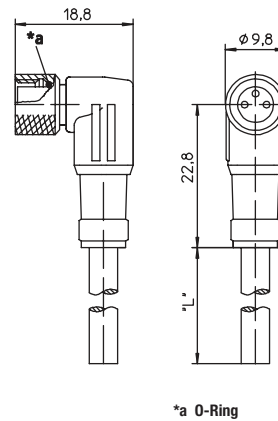
Actuator/sensor cordset, single-ended, M8, 3-, 4-, and 8-poles, female straight connector with self-locking threaded joint and molded cable.

RKMV



Actuator/sensor cordset, single-ended, M8, 3-, 4-, and 8-poles, female 90° connector with self-locking threaded joint and molded cable.

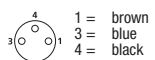
RKMVV



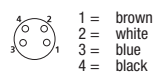
**Pin Assignments**

M8

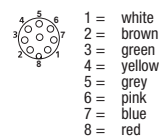
**3 poles**



**4 poles**



**8 poles**





# Be Certain with Belden

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

RKMV 3 | RKMV 4 | RKMV 8 | RKMWV 3 | RKMWV 4

### Technical Data

#### Environmental

Degree of protection IP 67 / NEMA 6P  
Operating temperature range -40°C (-40°F) / +90°C (+194°F)

#### Mechanical

Housing / Molded body TPU  
Insert PA / TPU  
Contact CuZn, pre-nickelated 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)
354	PUR, halogen-free	8 x 0.14 mm <sup>2</sup>	Black	.197" (5.0 mm)

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RKMV 3-06/...M	3	PVC	2 M / 5 M / 10 M	
RKMV 3-224/...M		PUR, halogen-free	2 M / 5 M / 10 M	
RKMV 4-07/...M	4	PVC	2 M / 5 M / 10 M	
RKMV 4-225/...M		PUR, halogen-free	2 M / 5 M / 10 M	
RKMV 8-354/...M	8	PUR, halogen-free	2 M / 5 M / 10 M	

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [D-Sub Micro-D Connectors](#) category:*

*Click to view products by [Belden](#) manufacturer:*

Other Similar products are found below :

[M243082311F](#) [M2430834F](#) [M24308/4-6F](#) [65-1920-15](#) [M83513/01-HN](#) [M83513/03-A10N](#) [M83513/03-B14C](#) [M83513/03-D09C](#) [M83513/03-D11N](#) [M83513/03-G02N](#) [M83513/03-G05N](#) [M83513/03-G08C](#) [M83513/03-G09N](#) [M83513/03-G12N](#) [M83513/03-H13N](#) [M83513/04-E15N](#) [M83513/04-G04C](#) [M83513/10-E01NP](#) [M83513/13-B01NP](#) [M83513/13-C01NN](#) [M83513/16-A01CP](#) [M83513/22-D01NP](#) [M83513/25-B01NP](#) [6R2004A30F015](#) [6R4006A28A120](#) [703006A13F060](#) [704002A03F200](#) [705001A13F120](#) [7-1532020-5](#) [748567-1-P](#) [MDB1-31SH003](#) [MDM-15PBS-L58](#) [MDM-15PCBRM7T](#) [MDM-15PH003B-A174](#) [75-068624-59S](#) [MDM-15PH034B](#) [MDM-15SH001L](#) [MDM-15SH004B](#) [MDM-21PH003K](#) [MDM-25PH003B-A174](#) [MDM-25PHW01F-A174](#) [MDM-37PH006L-A174](#) [MDM-37PH048M5-A174](#) [MDM-37SCBRP-A174](#) [MDM-51PBS-L56](#) [MDM-51PSF](#) [MDM-51SH003M7](#) [MDM-51SSM7-A174](#) [MDM-9PBSP-L58](#) [MDM-9PH003M7](#)