

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

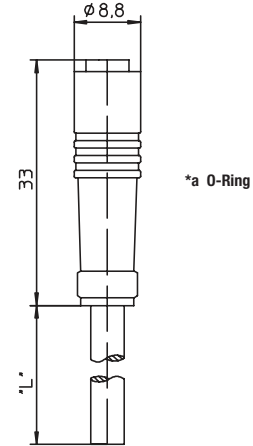
RKM | RKMW



3- and 4-Poles

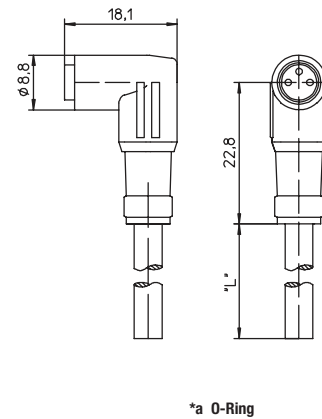
Actuator/sensor cordset, single-ended, M8
3- and 4-poles, female straight connector with
snap-in joint and molded cable.

RKM



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

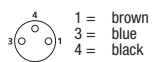
RKMW



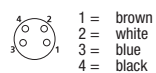
Pin Assignments

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 ⁹ Ω
Pollution degree	3

Cable Specifications

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

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