

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

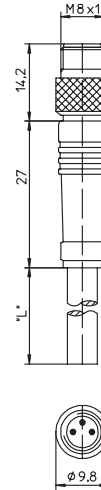
RSMV | RSMWV



3- and 4-Poles

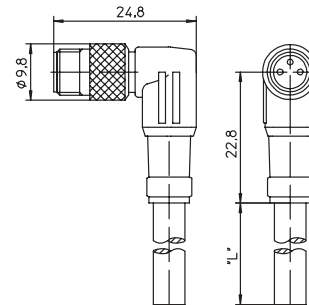
Actuator/sensor cordset, single-ended, M8,
3- and 4-poles male straight connector with
self-locking threaded joint and molded cable.

RSMV



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

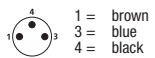
RSMWV



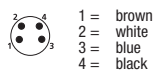
Pin Assignments

M8

3 poles



4 poles





Be Certain with Belden

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

RSMV 3 | RSMV 4 | RSMWV 3 | RSMWV 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-nickel and 0.8 microns gold-plated
Coupling nut CuZn, nickel-plated

Electrical data

Contact resistance $\leq 5 \text{ m}\Omega$
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 $> 10^9 \Omega$
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
RSMV 3-06/...M	RSMWV 3-06/...M	3	PVC	2 M / 5 M / 10 M	 
RSMV 3-224/...M	RSMWV 3-224/...M		PUR, halogen-free	2 M / 5 M / 10 M	   
RSMV 4-07/...M	RSMWV 4-07/...M	4	PVC	2 M / 5 M / 10 M	 
RSMV 4-225/...M	RSMWV 4-225/...M		PUR-halogen-free	2 M / 5 M / 10 M	   

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