

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

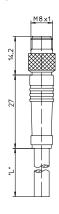
RSMV I RSMWV



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.

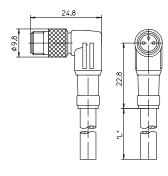
RSMV





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

RSMWV





Pin Assignments

M8

3 poles



4 poles





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RSMV 3 | RSMV 4 | RSMWV 3 | RSMWV 4

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P

Operating temperature range $-40^{\circ}\text{C} (-40^{\circ}\text{F}) / +90^{\circ}\text{C} (+194^{\circ}\text{F})$

Mechanical

Housing / Molded body TPU Insert PA / TPU

Contact CuZn, pre-nickeled and

0.8 microns gold-plated

Coupling nut CuZn, nickel-plated

Electrical data

 $\begin{array}{ll} \mbox{Contact resistance} & \leq 5 \mbox{ m} \Omega \\ \mbox{Nominal current at } 40\mbox{°C} & 4 \mbox{ A} \\ \end{array}$

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	