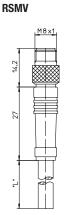


M8-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61976-2-104

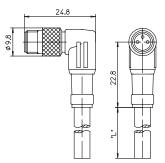
3- and 4-Poles

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





RSMWV

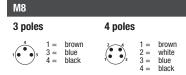




RSMV I RSMWV

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

Pin Assignments





M8-Round-Plug Connector, Single-Ended Cordsets, According to IEC 61976-2-104 RSMV 3 | RSMV 4 | RSMWV 3 | RSMWV 4

Technical Data

Environmental

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-nickeled and
	0.8 microns gold-plated
Coupling nut	CuZn, nickel-plated
Electrical data	
Contact resistance	\leq 5 m Ω
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
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	