

M8-Double-Ended Cordsets for Actuators, Sensors and Distribution Boxes

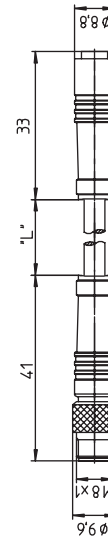
RSMV-RKM | RSMV-RKMV



3-Poles

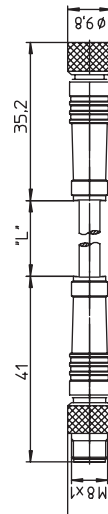
Actuator/sensor cordset, double-ended, M8, 3-pole, male straight with threaded joint to female straight connector with snap-in joint and molded cable.

RSMV-RKM



Actuator/sensor cordset, double-ended, M8, 3-pole, male straight with threaded joint to female straight connector and molded cable.

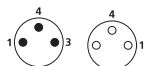
RSMV-RKMV



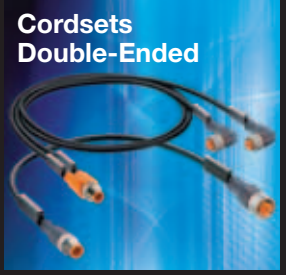
Pin Assignments

M8 - Male / Female

3 poles



1 = brown
3 = blue
4 = black



Be Certain with Belden

M8-Double-Ended Cordsets for Actuators, Sensors and Distribution Boxes

RSMV-RKM | RSMV-RKMV

Technical Data

Environmental

Degree of protection IP 65 / IP 67 / NEMA 6P
Operating temperature range -40°C (-40°F) / +90°C (+194°F)

Mechanical








Housing / Molded body TPU, self-extinguishing
Insert PA / TPU
Contact CuZn, pre-nickel and 0.8 microns gold-plated
Coupling nut CuZn, nickel-plated (only RSMV / RKMV)

Electrical

Nominal current at 40°C 4 A
Nominal voltage 60 V
Rated voltage 63 V
Test voltage 1.5 kV eff. / 60 s
Insulation resistance > 10⁹ Ω
Pollution degree 3

Cable Specifications

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Agency Approvals
224	PUR, halogen-free	3 x 0.34 mm ²	Black	.169" (4.3 mm)	UL: AWM 21198 / CSA: AWM I/II A/B

Part Number	Pins	Standard Cable Lengths	Characteristics
RSMV 3-RKM 3-224/...M	3	0.6 M / 1 M / 2 M	  
RSMV 3-RKMV 3-224/...M		0.6 M / 1 M / 2 M	   

Mouser Electronics

Authorized Distributor

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[RSMV 3-RKM 3-224/1 M](#) [RSMV 3-RKM 3-224/0.6 M](#)