

M12 / M8-Double-Ended Cordsets for Actuators, Sensors and Distribution Boxes

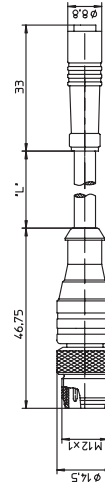
RST-RKM | RST-RKMV



3-Poles

Actuator/sensor cordset, double-ended, M12, 3-pole, male straight to M8, 3-pole female straight, snap-in connector and molded cable.

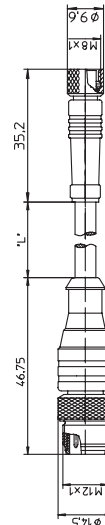
RST-RKM



3- and 4-Poles

Actuator/sensor cordset, double-ended, M12, 3- or 4-pole, male straight to M8, 3- or 4-pole female straight connector with threaded joint and molded cable.

RST-RKMV



Pin Assignments

M12 / M8 - Male / Female

3 poles



- 1 = brown
- 3 = blue
- 4 = black



4 poles



- 1 = brown
- 2 = white
- 3 = blue
- 4 = black



Be Certain with Belden

M12 / M8-Double-Ended Cordsets for Actuators, Sensors and Distribution Boxes RST-RKM | RST-RKMW

Technical Data

Environmental

Degree of protection	RST: IP67 RSKMV: IP67/IP69K
Operating temperature range	-25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body	TPU
Insert	RST: TPU RKM / RKMV: PA / TPU
Contact	CuZn, pre-nickel and 0.8 microns gold-plated
Coupling nut	CuZn, nickel-plated
O-ring	FKM (only RKMV)

Electrical

Nominal current at 40°C	4 A
Rated voltage	3-Poles: 63 V 4-Poles: 36 V
Test voltage	1.5 kV eff. / 60 s
Insulation resistance	> 10 ⁹ 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
225	PUR, halogen-free	4 x 0.34 mm ²	Black	.185" (4.7 mm)	UL: AWM 21198 / CSA: AWM I/II A/B

Flex rating:

C-Track flexing: Greater than 5 million bending cycles guaranteed

Torsion flexing: – Greater than 5 million cycles guaranteed – +/- 360° per 1 m length

Part Number	Pins	Standard Cable Lengths	Characteristics
RST 3-RKM 3-224/...M	3	0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M	  
RST 3-RKMV 3-224/...M		0.3 M / 0.6 M / 1 M / 1.5 M / 2 M / 5 M	   
RST 4-RKMV 4-225/...M	4	0.3 M / 0.6 M / 1 M / 2 M / 5 M	   

Mouser Electronics

Authorized Distributor

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[RST 3-RKM 3-224/3 M](#) [RST 3-RKMV 3-224/7 M](#) [RST 3-RKMV 3-224/3 M](#) [RST 3-RKMV 3-224/1 M](#) [RST 3-RKMV 3-224/1.5 M](#) [RST 3-RKMV 3-224/2 M](#) [RST 3-RKMV 3-224/0.6 M](#) [RST 3-RKM 3-224/2 M](#) [RST 3-RKMV 3-224/5 M](#) [RST 3-RKM 3-224/0.3 M](#) [RST 3-RKM 3-224/1.5 M](#) [RST 3-RKM 3-224/5 M](#) [RST 3-RKM 3-224/1 M](#) [RST 3-RKMV 3-224/10 M](#) [RST 3-RKM 3-224/0.6 M](#) [RST 3-RKMV 3-224/0.3 M](#) [RST 3-RKMV 3-224/4 M](#)