

M12-Round-Plug Connector, Double-Ended Cordsets, According to IEC 61076-2-101

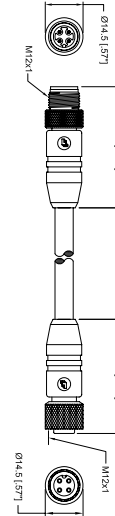
RST -RKT | RST-RKWT



3-, 4-, and 5-Poles

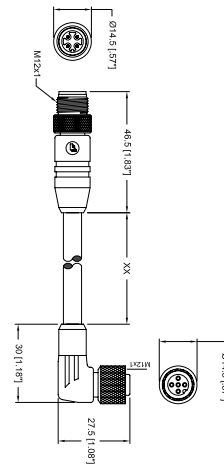
Actuator/sensor cordset, double-ended, M12, 3-, 4-, and 5-poles, male straight to female straight connector with self-locking thread and molded TPE, PUR, or PVC cable, IEC color code.

RST-RKT



Actuator/sensor cordset, double-ended, M12, 3-, 4-, and 5-poles, male straight to female 90° connector with self-locking thread and molded TPE, PUR, or PVC cable, IEC color code.

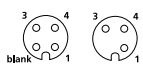
RST-RKWT



Pin Assignments

M12 - Male

3 poles



1 = brown
3 = blue
4 = black

4 poles



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

5 poles



1 = brown
2 = white
3 = blue
4 = black
5 = grey



Be Certain with Belden

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RST-RKT | RST-RKWT

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
 Operating temperature range PUR: -40°C (-40°F) / +80°C (176°F)
 PVC: -40°C (-40°F) / +90°C (194°F)
 TPE: -40°C (-40°F) / +90°C (194°F)

Mechanical

Housing / Molded body TPU, yellow
 Insert TPU, yellow
 Contact CuSn, gold plated
 Coupling nut CuZn, nickel-plated
 O-ring Viton

Electrical

Current rating 4 A
 Voltage rating 250 V

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
602	PUR	18AWG	Yellow	.230" (5.8 mm)
610	PUR	22AWG	Yellow	.190" (4.8 mm)
612	PVC	22AWG	Yellow	.210" (5.3 mm)
632	PVC	22AWG	Yellow	.190" (4.8 mm)
633	PVC	22AWG	Yellow	.190" (4.8 mm)
637	TPE	18AWG	Yellow	.280" (7.1 mm)
643	TPE	22AWG	Yellow	.246" (6.2 mm)
644	PUR	22AWG	Yellow	.210" (5.3 mm)
645	PUR	18AWG	Yellow	.220" (5.6 mm)
679	PUR	22AWG	Yellow	.190" (4.8 mm)
731	TPE	18AWG	Yellow	.261" (6.6 mm)

Cordsets Double-Ended

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RST 3-RKT 4-3-731/...M RST 3-RKWT 4-3-731/...M	3	TPE	2 M / 5 M / 10 M	
RST 3-RKT 4-3-632/...M RST 3-RKWT 4-3-632/...M		PVC	2 M / 5 M / 10 M	
RST 3-RKT 4-3-645/...M RST 3-RKWT 4-3-645/...M		PUR	2 M / 5 M / 10 M	
RST 3-RKT 4-3-610/...M RST 3-RKWT 4-3-610/...M		PUR	2 M / 5 M / 10 M	
RST 4-RKT 4-637/...M RST 4-RKWT 4-637/...M	4	TPE	1 M / 2 M / 3 M / 5 M / 6 M / 10 M	
RST 4-RKT 4-633/...M RST 4-RKWT 4-633/...M		PVC	2 M / 5 M / 10 M	
RST 4-RKT 4-643/...M RST 4-RKWT 4-643/...M		TPE	1 M / 2 M / 5 M / 10 M	
RST 4-RKT 4-602/...M RST 4-RKWT 4-602/...M		PUR	1 M / 2 M / 3 M / 4 M / 5 M / 6 M / 10 M	
RST 4-RKT 4-679/...M RST 4-RKWT 4-679/...M		PUR	2 M / 5 M / 10 M	
RST 5-RKT 5-612/...M RST 5-RKWT 5-612/...M	5	PVC	2 M / 5 M / 10 M	
RST 5-RKT 5-644/...M RST 5-RKWT 5-644/...M		PUR	2 M / 5 M / 10 M	