

M12-Round-Plug Connector, Double-Ended Cordsets,

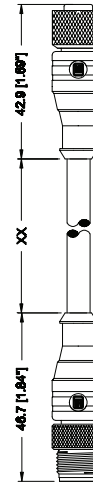
RST-RKT | RST-RKWT



3-, 4-, 5-, and 8-Poles

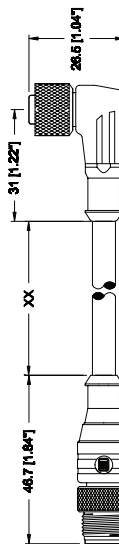
Actuator/sensor cordset, double-ended, M12, 3-, 4-, 5- and 8-poles, male straight to female straight connector with self-locking thread and molded cable.

RST-RKT



Actuator/sensor cordset, double-ended, M12, 3-, 4-, 5- and 8-poles, male straight to female 90° connector with self-locking thread and molded cable.

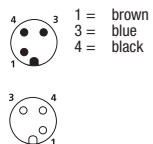
RST-RKWT



Pin Assignments

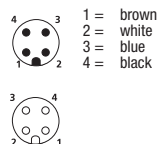
M12

3 poles



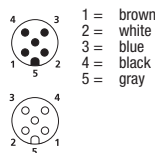
1 = brown
3 = blue
4 = black

4 poles



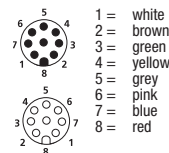
1 = brown
2 = white
3 = blue
4 = black

5 poles



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

8 poles



1 = white
2 = brown
3 = green
4 = yellow
5 = gray
6 = pink
7 = blue
8 = red

Be Certain with Belden

M12-Round-Plug Connector, Double-Ended Cordsets

Technical Data

Environmental

Degree of protection IP68 / Nema 6P
Operating temperature range -40°C (-40°F) / +90°C (+194°F)

Mechanical

Housing / Molded body PUR, translucent gray
Insert PUR orange
Contact CuZn, gold-plated
Coupling nut CuZn, nickel-plated
O-ring FKM

Electrical

Current rating 3-5 poles 4A
8 poles 1.5A
Voltage rating 3-4 poles 250V
5-8 poles 30V

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Jacket Color	OD
659	PVC	22 AWG	Gray	.190" (4.82 mm)
646	PVC	22 AWG	Gray	.190" (4.82 mm)
647	PVC	22 AWG	Gray	.212" (5.38 mm)
661	PVC	24 AWG	Gray	.232" (5.89 mm)

Part Number	Pins	Standard Cable Lengths	Characteristics
RST 3-RKT 4-3-659/...M	3	0.3M / 0.6M / 1.5M / 1M / 2M / 5M / 10M	
RST 4-RKT 4-646/...M	4	0.3M / 0.6M / 1.5M / 1M / 2M / 3M / 5M / 6M / 10M / 12M	
RST 5-RKT 5-647/...M	5	0.3M / 0.6M / 1M / 2M / 5M / 10M	
RST 8-RKT 8-661/...M	8	0.3M / 0.6M / 1M / 2M / 5M / 10M	
RST 3-RKWT 4-3-659/...M	3	0.3M / 0.6M / 1.5M / 1M / 2M / 5M / 10M	
RST 4-RKWT 4-646/...M	4	0.3M / 0.5M / 0.6M / 1.5M / 1M / 2M / 5M / 10M	
RST 5-RKWT 5-647/...M	5	0.3M / 0.6M / 1M / 2M / 5M / 10M	
RST 8-RKWT 8-661/...M	8	0.3M / 0.6M / 1M / 2M / 5M / 10M	