

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

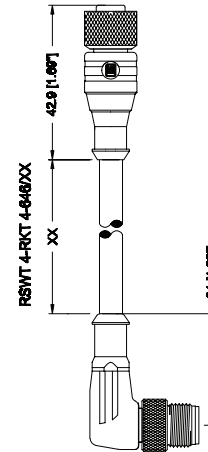
RSWT-RKT | RSWT-RKWT



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

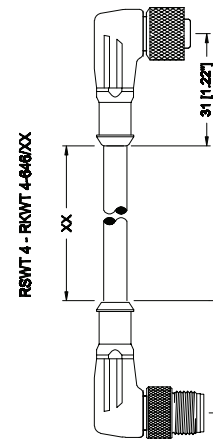
Actuator/sensor cordset, double-ended, M12, 3-, 4-, 5- and 8-poles, female 90° to male straight connector with self-locking thread and molded cable.

RSWT-RKT



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

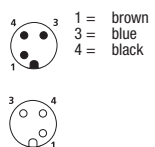
RSWT-RKWT



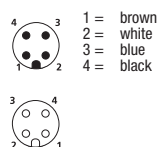
**Pin Assignments**

M12

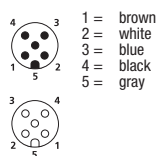
**3 poles**



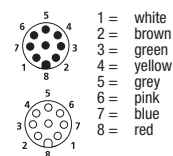
**4 poles**



**5 poles**



**8 poles**



# 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
RSWT 3-RKT 4-3-659/...M	3	0.3M / 0.6M / 1M / 2M / 5M / 10M	 
RSWT 4-RKT 4-646/...M	4	0.3M / 0.6M / 1M / 2M / 5M / 10M	 
RSWT 5-RKT 5-647/...M	5	0.3M / 0.6M / 1M / 2M / 5M / 10M	 
RSWT 8-RKT 8-661/...M	8	0.3M / 0.6M / 1M / 2M / 5M / 10M	 
RSWT 3-RKWT 4-3-659/...M	3	0.3M / 0.6M / 1M / 2M / 5M / 10M	 
RSWT 4-RKWT 4-646/...M	4	0.3M / 0.6M / 1M / 2M / 5M / 10M	 
RSWT 5-RKWT 5-647/...M	5	0.3M / 0.6M / 1M / 2M / 5M / 10M	 
RSWT 8-RKWT 8-661/...M	5	0.3M / 0.6M / 1M / 2M / 5M / 10M	