

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

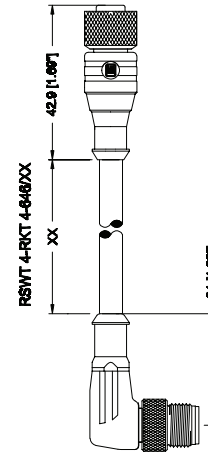
RSWT-RKT | RSWT-RKWT



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

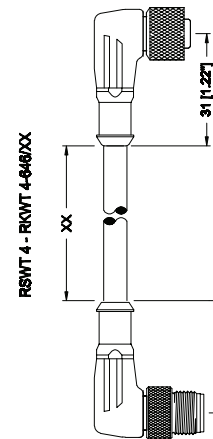
Actuator/sensor cordset, double-ended, M12, 3-, 4-, 5- and 8-poles, female 90° to male straight connector with self-locking thread and molded cable.

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.

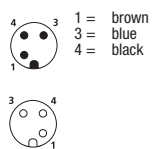
RSWT-RKWT



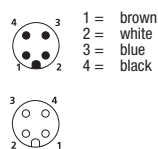
**Pin Assignments**

M12

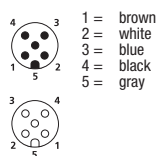
**3 poles**



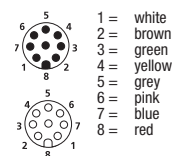
**4 poles**



**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 |   |