

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

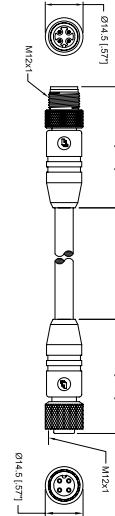
RST -RKT | RST-RKWT



3-, 4-, and 5-Poles

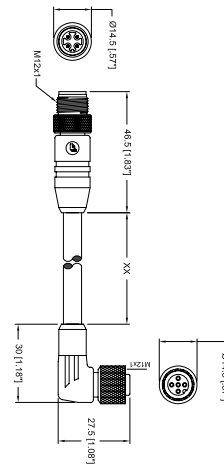
Actuator/sensor cordset, double-ended, M12, 3-, 4-, and 5-poles, male straight to female straight connector with self-locking thread and molded TPE, PUR, or PVC cable, IEC color code.

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.

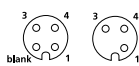
RST-RKWT



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 | |