

## Mini, 1"-Round-Plug Connector, Single-Ended Cordsets, US Color Code

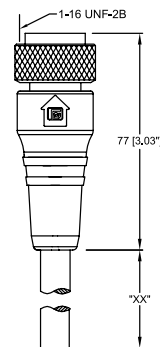
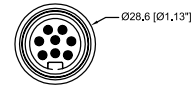
RS 701M...801M | RK 70M...80M



### 7-, and 8-Poles

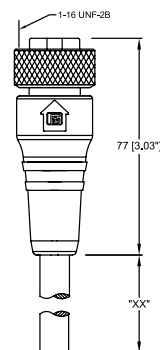
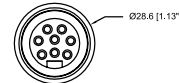
Mini, 1" single-ended cordsets, male straight, 7-, and 8-poles with internal threads and molded PUR cable, US color code.

**RS**



Mini, 1" single-ended cordsets, female straight, 7-, and 8-poles with internal threads and molded PUR cable, US color code.

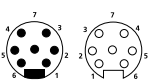
**RK**



### Pin Assignments

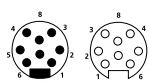
#### Mini, 1" - Male / Female

##### 7 poles



- 1 = white/black
- 2 = black
- 3 = white
- 4 = red
- 5 = orange
- 6 = blue
- 7 = green

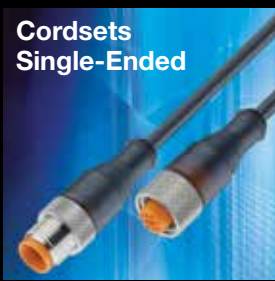
##### 8 poles



- 1 = orange
- 2 = blue
- 3 = white/black
- 4 = black
- 5 = white
- 6 = red
- 7 = green
- 8 = red/black

# Be Certain with Belden

## Cordsets Single-Ended



Cordsets  
Single-Ended

### Mini, 1"-Round-Plug Connector, Single-Ended Cordsets, US Color Code RS 701M...801M | RK 70M...80M

#### Technical Data

##### Environmental

Degree of protection IP 67 / NEMA 6P  
Operating temperature range -40°C (-40°F) / +90°C (194°F)

##### Mechanical



Housing / Molded body TPU, yellow  
Insert TPU, yellow  
Contact CuZn, gold over silver plated  
Coupling nut Aluminum, anodized black

##### Electrical

Current rating 7 pole: 8 A  
8 pole: 7 A  
Voltage rating 300 V

#### Cable Specifications - US Color Code

| Cable No. | Outer Jacket | Gauge | Jacket Color | OD             | Temperature Rating             | Agency Approvals                  |
|-----------|--------------|-------|--------------|----------------|--------------------------------|-----------------------------------|
| 649       | PUR          | 18AWG | Yellow       | .270" (6.9 mm) | -40°C (-40°F) to +80°C (176°F) | UL: AWM 20233 / CSA: AWM I/II A/B |
| 650       | PUR          | 18AWG | Yellow       | .292" (7.4 mm) | -40°C (-40°F) to +80°C (176°F) | UL: AWM 20233 / CSA: AWM I/II A/B |

| Part Number                      | Pins | Outer Jacket | Standard Cable Lengths          | Characteristics                                                                       |
|----------------------------------|------|--------------|---------------------------------|---------------------------------------------------------------------------------------|
| RS 701M-649/...F RK 70M-649/...F | 7    | PUR          | 6 F / 12 F / 15 F / 20 F / 30 F |  |
| RS 801M-650/...F RK 80M-650/...F | 8    | PUR          | 6 F / 12 F / 15 F / 20 F / 30 F |  |

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