

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

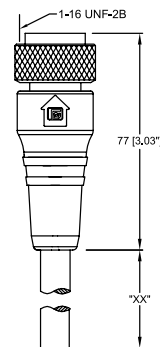
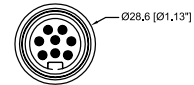
RS 701M...801M | RK 70M...80M



7-, and 8-Poles

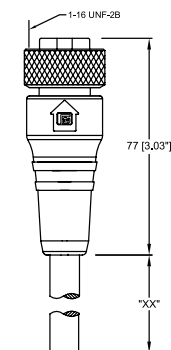
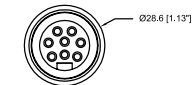
Mini, 1" single-ended cordsets, male straight, 7-, and 8-poles with internal threads and molded PUR cable, US color code.

RS



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

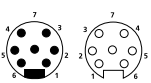
RK



Pin Assignments

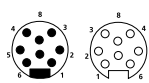
Mini, 1" - Male / Female

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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Authorized Distributor

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Lumberg Automation:

[RS 701M-649/6F](#) [RS 801M-650/50F](#) [RS 701M-649/12F](#) [RS 801M-650/20F](#) [RS 801M-650/45F](#) [RS 801M-650/15F](#)
[RS 701M-649/20F](#) [RS 801M-650/6F](#) [RS 701M-649/15F](#) [RS 801M-650/30F](#) [RS 801M-650/12F](#) [RS 701M-649/30F](#)
[RS 801M-650/40F](#)