

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

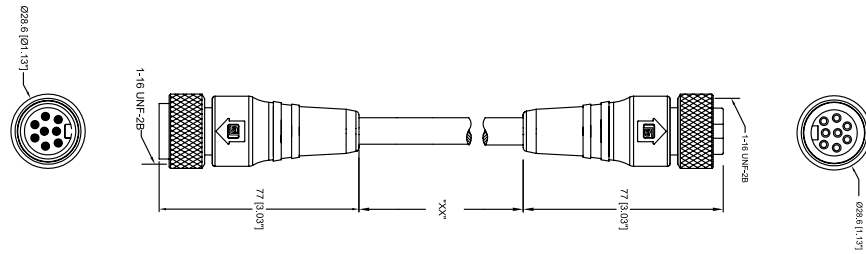
RSRK 601B...801M



6-, 7- and 8-Poles

Mini, 1" double-ended cordsets, male straight to female straight connector, 6-, 7- and 8-poles with molded cable, US color code.

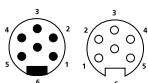
RSRK



Pin Assignments

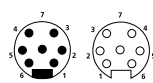
Mini, 1" - Male / Female

6 poles



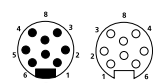
- 1 = orange
- 2 = blue
- 3 = black
- 4 = white
- 5 = red
- 6 = green

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



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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 6 and 7 pole: 8 A
8 pole: 7 A

Voltage rating 600 V

Cable Specifications - US Color Code

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Temperature Rating	Agency Approvals
696	PVC	16AWG	Yellow	.560" (14.2 mm)	-40°C (-40°F) to +105°C (221°F)	UL: STOW / CSA: STO
622	PVC	16AWG	Yellow	.560" (14.2 mm)	-40°C (-40°F) to +105°C (221°F)	UL: STOW / CSA: STO
698	PVC	16AWG	Yellow	.585" (14.9 mm)	-40°C (-40°F) to +105°C (221°F)	UL: STOW / CSA: STO

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RSRK 601B-696/...F	6	PVC	6 F / 12 F / 15 F / 20 F / 30 F	
RSRK 701M-622/...F	7	PVC	6 F / 12 F / 15 F / 20 F / 30 F	
RSRK 801M-698/...F	8	PVC	6 F / 12 F / 15 F / 20 F / 30 F	

Mouser Electronics

Authorized Distributor

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Lumberg Automation:

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