

## Mini, 1 1/8"-Round-Plug Connector, Single-Ended Cordsets, Numeric Color Code

RS 120M...190M | RK 120M...190M

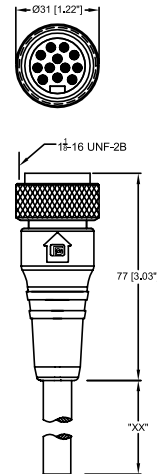


### 12- and 19-Poles

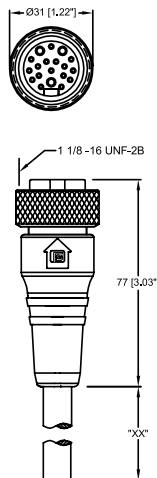
Mini, 1 1/8" single-ended cordsets, male straight, 12- and 19-poles with external threads and molded PUR or TPE cable, Numeric color code.

Mini, 1 1/8" single-ended cordsets, female straight, 12- and 19-poles with internal threads and molded PUR or TPE cable, Numeric color code.

**RS**



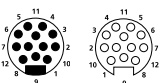
**RK**



### Pin Assignments

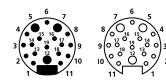
Mini, 1 1/8" - Male / Female

#### 12 poles



- 1 = black w/ number "1"
- 2 = black w/ number "2"
- 3 = black w/ number "3"
- 4 = black w/ number "4"
- 5 = black w/ number "5"
- 6 = black w/ number "6"
- 7 = black w/ number "7"
- 8 = black w/ number "8"
- 9 = green w/yellow tracer
- 10 = black w/ number "10"
- 11 = black w/ number "11"
- 12 = black w/ number "12"

#### 19 poles



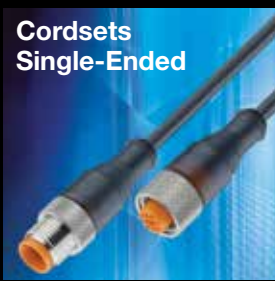
- 1 = black w/ number "1"
- 2 = black w/ number "2"
- 3 = black w/ number "3"
- 4 = black w/ number "4"
- 5 = black w/ number "5"
- 6 = black w/ number "6"
- 7 = black w/ number "7"
- 8 = black w/ number "8"
- 9 = black w/ number "9"
- 10 = black w/ number "10"
- 11 = black w/ number "11"
- 12 = green w/yellow tracer
- 13 = black w/ number "13"
- 14 = black w/ number "14"
- 15 = black w/ number "15"
- 16 = black w/ number "16"
- 17 = black w/ number "17"
- 18 = black w/ number "18"
- 19 = black w/ number "19"

#### 19 poles - current rating

- 1-4, 6, 8-11, and 13-19 = 3 A
- 5 and 7 = 8 A
- 12 = Ground

# Be Certain with Belden

## Cordsets Single-Ended



Cordsets  
Single-Ended

### Mini, 1 1/8"-Round-Plug Connector, Single-Ended Cordsets, Numeric Color Code RS 1201M..1901M | RK 120M...190M

#### 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 12 poles: 5 A  
19 poles: see pin assignments  
Voltage rating 300 V

#### Cable Specifications - Numeric Color Code

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Temperature Rating	Agency Approvals
676	PUR	18AWG	Yellow	.390" (9.9 mm)	-40°C (-40°F) to +80°C (176°F)	UL: AWM 20233 / CSA: AWM I/II A/B
669	PUR	18AWG	Yellow	.489" (12.4 mm)	-40°C (-40°F) to +80°C (176°F)	UL: AWM 20233 / CSA: AWM I/II A/B
769	TPE	18AWG	Yellow	.530" (13.5 mm)	-40°C (-40°F) to +90°C (194°F)	UL: PLTC
776	TPE	18AWG	Yellow	.438" (11.1 mm)	-40°C (-40°F) to +90°C (194°F)	UL: PLTC

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RS 120M-676/...M RK 120M-676/...M	12	PUR	2 M / 5 M / 10 M	
RS 120M-776/...M RK 120M-776/...M	12	TPE	1 M / 2 M / 3 M / 5 M / 10 M / 20 M	
RS 190M-669/...M RK 190M-669/...M	19	PUR	2 M / 5 M / 10 M / 15 M	
RS 190M-769/...M RK 190M-769/...M	19	TPE	1 M / 2 M / 3 M / 5 M / 10 M / 20 M	

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## Lumberg Automation:

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[RS 120M-676/15M](#) [RS 120M-676/15F](#) [RS 190M-669/5M](#) [RS 190M-669/1F](#) [RS 120M-676/30F](#)