lumbergautomation
A BELDEN BRAND

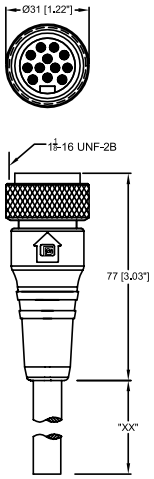
Mini, 1 1/8”-Round-Plug Connector, Single-Ended Cordsets, Numeric Color Code

RS 120M...190M I RK 120M...190M

12- and 19-Poles

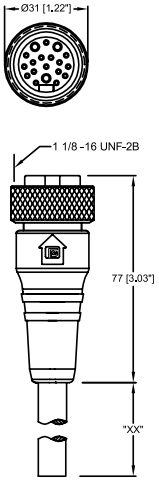
Mini, 1 1/8" single-ended cordsets, male straight, 12- and 19-poles with external threads and molded PUR or TPE cable, Numeric color code.

RS



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.

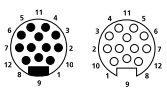
RK



Pin Assignments

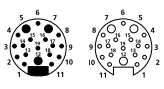
Mini, 1 1/8” - Male / Female

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”
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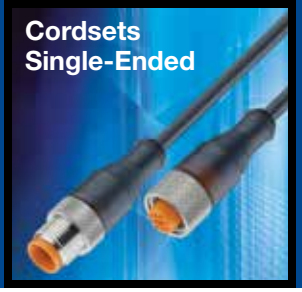
6 = black w/ number “6”
7 = black w/ number “7”
8 = black w/ number “8”
9 = black w/ number “9”
10 = black w/ number “10”
11 = black w/ number “11”
12 = green w/yellow tracer
13 = black w/ number “13”
14 = black w/ number “14”
15 = black w/ number “15”
16 = black w/ number “16”
17 = black w/ number “17”
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”



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	