

M23-Round-Plug Connector, Single-Ended Cordsets

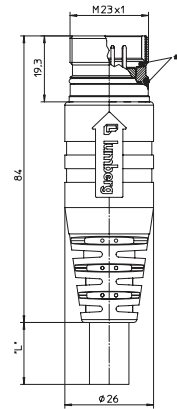
RSUF | RKU | RKUE



12- and 19-Poles

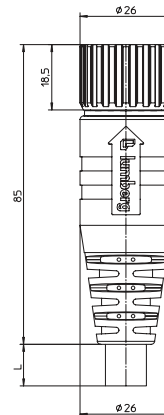
M23 cordsets, single ended, male straight connector, 12- and 19-poles with threaded joint, external threads and molded cable.

RSUF



M23 cordsets, single ended, female straight connector, 12- and 19-poles with threaded joint, internal threads and molded cable.

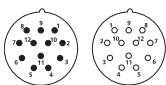
RKU/RKUE



Pin Assignments

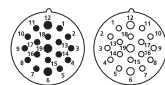
M23 - Male / Female

12 poles



- 1 = white
- 2 = green
- 3 = yellow
- 4 = grey
- 5 = grey/pink
- 6 = red/blue
- 7 = white/green
- 8 = brown/green
- 9 = blue
- 10 = blue
- 11 = brown
- 12 = yellow/green

19 poles



- 1 = violet
- 2 = red
- 3 = grey
- 4 = red/blue
- 5 = green
- 6 = blue
- 7 = grey/pink
- 8 = white/green
- 9 = white/yellow
- 10 = white/grey
- 11 = black
- 12 = yellow/green
- 13 = yellow/brown
- 14 = brown/green
- 15 = white
- 16 = yellow
- 17 = pink
- 18 = grey/brown
- 19 = brown



Be Certain with Belden

M23-Round-Plug Connector, Single-Ended Cordsets

RSUF | RKU | RKUE

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
 Operating temperature range -25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body TPU, self-extinguishing
 Insert PBT
 Contact CuZn, pre-nickelated and 0.8 microns gold-plated
 Coupling nut CuZn, nickel-plated

Electrical

Contact resistance $\leq 5 \text{ m}\Omega$
 Nominal current at 40°C
 12 poles 8 A
 19 poles 8 A pin $\varnothing 1 \text{ mm}$,
 10 A pin $\varnothing 1.5 \text{ mm}$
 Nominal voltage
 12 poles 240 V
 19 poles 120 V
 Rated voltage
 12 poles 250 V
 19 poles 125 V
 Test voltage
 12 poles 2.5 kV eff. / 60 s
 19 poles 1.5 kV eff. / 60 s
 Insulation resistance $> 10^9 \Omega$
 Pollution degree 3

Cable Specifications

Cable No.	Outer Jacket	Gauge	Jacket Color	OD	Agency Approvals
256	PUR, halogen-free	18AWG	Black	8 x 0.50mm ² 3 x 1.00mm ²	UL: AWM 21198 / CSA: AWM I/II A/B
242	PUR, halogen-free	18AWG	Black	3 x 1.00mm ² 16 x 0.50mm ²	UL: AWM 21198 / CSA: AWM I/II A/B

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
RSUF 12-256/...M RKU 12-256/...M	12	PUR, halogen-free	5 M / 10 M / 15 M / 20 M	
RSUF 19-242/...M RKUE 19-242/...M	19	PUR, halogen-free	5 M / 10 M / 15 M / 20 M	
		PUR, halogen-free	5 M / 10 M / 15 M / 20 M	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Sensor Cables / Actuator Cables](#) category:

Click to view products by [Lumberg](#) manufacturer:

Other Similar products are found below :

[60963](#) [60964](#) [703000D02F2002](#) [703000D02F300](#) [703001D02F0602](#) [703001D02F300](#) [704000D02F120](#) [773032K02F030](#) [802027107404-1](#)
[804001A09M150](#) [805001A09M0502](#) [84914-0235](#) [84914-0237](#) [885030A09M020](#) [1200651332](#) [1200651713](#) [1200660844](#) [1200660845](#)
[1200661173](#) [1200680071](#) [1200720053](#) [1200720081](#) [1200720099](#) [1200720217](#) [1200800231](#) [1200860125](#) [1200870123](#) [1200980102](#)
[1200650267](#) [1200650298](#) [1200660183](#) [1200660782](#) [1200660849](#) [1200661295](#) [1200661297](#) [1200661342](#) [1200661343](#) [1200670080](#)
[1200670220](#) [1200680331](#) [1200720252](#) [1200730184](#) [1200860344](#) [1200870359](#) [1200870643](#) [1200980008](#) [1200980031](#) [1210502211](#)
[1210400542](#) [1211810021](#)