

## M23-Round-Plug Connector, Single-Ended Cordsets

RSWUF | RKWU | RKWUE



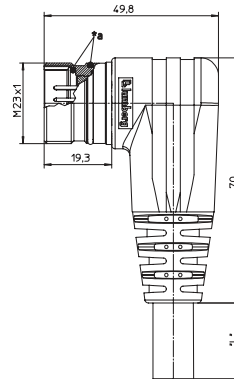
### 12- and 19-Poles

M23 cordsets, single ended, male 90° connector, 12- and 19-poles with threaded joint, external threads and molded cable.

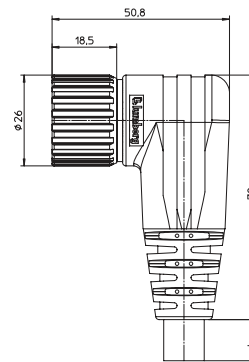


M23 cordsets, single ended, female 90° connector, 12- and 19-poles with threaded joint, internal (female) threads and molded cable.

RSWUF



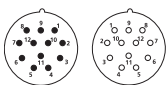
RKWU/RKWUE



### Pin Assignments

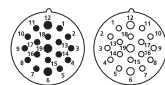
#### M23 - Male / Female

##### 12 poles

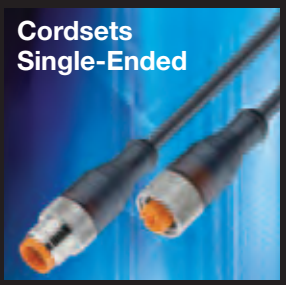


- 1 = white
- 2 = green
- 3 = yellow
- 4 = grey
- 5 = grey/pink
- 6 = red/blue
- 7 = white/green
- 8 = brown/green
- 9 = blue
- 10 = blue
- 11 = brown
- 12 = yellow/green

##### 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

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### 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-nickel and 0.8 microns gold-plated  
Coupling nut CuZn, nickel-plated

#### Electrical

Contact resistance ≤ 5 mΩ  
Nominal current at 40°C 12 poles 8 A  
19 poles 8 A pin Ø 1 mm,  
10 A pin Ø 1.5 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<sup>9</sup> Ω  
Pollution degree 3

### Cable Specifications

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

Part Number	Pins	Outer Jacket	Standard Cable Lengths	Characteristics
<b>Male 90°</b> <b>Female 90°</b>				
RSWUF 12-256/...M    RKWU 12-256/...M	12	PUR, halogen-free	5 M / 10 M / 15 M / 20 M	
RSWUF 19-242/...M    RKWU 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	