

## Mini, 7/8" Field Attachable Connectors (Internal Threads)

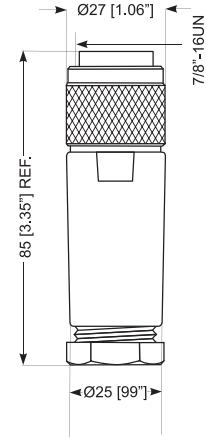
RSC 301-RSC 501



### Male, 3-, 4-, and 5-Pole

Field attachable connector, Mini, 7/8" male connector, 3-, 4-, and 5-pole with internal threaded joint, assembling with screw terminals.

RSC 301-RSC 501

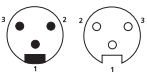


TL\_RSC3019

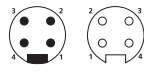
### Pin Assignments

Mini, 7/8" - Male / Female

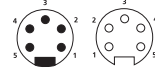
**3 poles**



**4 poles**



**5 poles**





# Be Certain with Belden

## Mini, 7/8" Field Attachable Connectors (Internal Threads) RSC 301-RSC 501

### 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 Glass filled nylon  
Insert Nylon, black  
Contact CuZn, gold over nickel plated  
Coupling nut Al anodized  
Mode of connection screw terminals  
Connectable conductor max. 1.5 mm<sup>2</sup>

#### Electrical

Contact resistance ≤ 5 mΩ  
Nominal current at 40°C 3 poles 12 A  
4-5 poles 9 A  
Nominal voltage 600 V  
Insulation resistance > 10<sup>9</sup> Ω  
Pollution degree 3

Part Number	Pins	Cable Diameter Range	Characteristics
<b>Male</b>			
RSC 301/9	3	Ø 6.0 - 8.0 mm	
RSC 301/11		Ø 8.0 - 10.0 mm	
RSC 301/13.5		Ø 10.0 - 12.0 mm	
RSC 301/16		Ø 12.0 - 14.0 mm	
RSC 401/9	4	Ø 6.0 - 8.0 mm	
RSC 401/11		Ø 8.0 - 10.0 mm	
RSC 401/13.5		Ø 10.0 - 12.0 mm	
RSC 401/16		Ø 12.0 - 14.0 mm	
RSC 501/9	5	Ø 6.0 - 8.0 mm	
RSC 501/11		Ø 8.0 - 10.0 mm	
RSC 501/13.5		Ø 10.0 - 12.0 mm	
RSC 501/16		Ø 12.0 - 14.0 mm	