

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

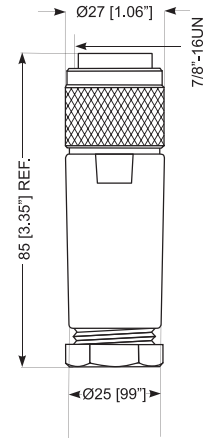
RSC 301-RSC 501



### 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

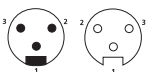


TL\_RSC3019

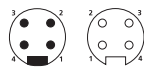
### Pin Assignments

Mini, 7/8" - Male / Female

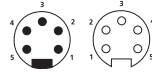
3 poles



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<br>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     |                                                                                                                                                                                                                                                                   |