



# Micro Style Connectors

Series Types: RSC/RKC/RKCW/RSCW

## Field Attachable Connectors for Micro Series



- PG7 & PG9 thread (grommet) sizes
- Nylon molded connector shell
- Easy assembly for modification of existing installations
- Convenient screw terminations

### Order Information

|                          |                             |                             |                             |
|--------------------------|-----------------------------|-----------------------------|-----------------------------|
| Face View<br>Female/Male |                             |                             |                             |
| Poles                    | 3                           | 4                           | 5                           |
| Max. wire size           | 18 AWG/0.75 mm <sup>2</sup> | 18 AWG/0.75 mm <sup>2</sup> | 18 AWG/0.75 mm <sup>2</sup> |
| "A" threads              | 1/2-20UN                    | M12x1                       | M12x1                       |

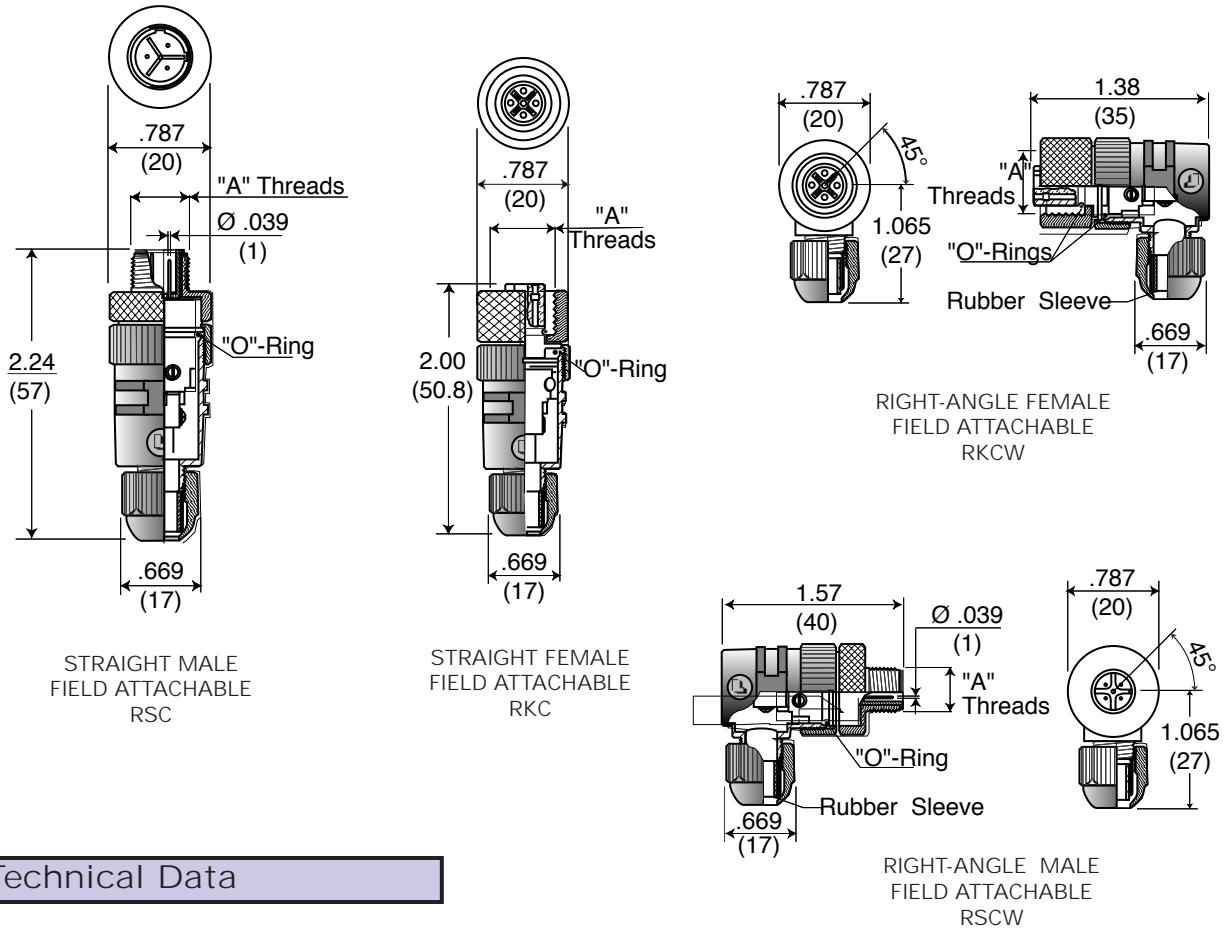
### Female Part Numbers

| Cable Diameter      |             |           |          |          |
|---------------------|-------------|-----------|----------|----------|
| .157-.236"<br>4-6mm | Straight    | RKC 3U/7  | RKC 4/7  | RKC 5/7  |
|                     | Right Angle | RKCW 3U/7 | RKCW 4/7 | RKCW 5/7 |
| .236-.315"<br>6-8mm | Straight    | RKC 3U/9  | RKC 4/9  | RKC 5/9  |
|                     | Right Angle | RKCW 3U/9 | RKCW 4/9 | RKCW 5/9 |

### Male Part Numbers

| Cable Diameter      |             |           |          |          |
|---------------------|-------------|-----------|----------|----------|
| .157-.236"<br>4-6mm | Straight    | RSC 3U/7  | RSC 4/7  | RSC 5/7  |
|                     | Right Angle | RSCW 3U/7 | RSCW 4/7 | RSCW 5/7 |
| .236-.315"<br>6-8mm | Straight    | RSC 3U/9  | RSC 4/9  | RSC 5/9  |
|                     | Right Angle | RSCW 3U/9 | RSCW 4/9 | RSCW 5/9 |

Dimensional Data



Technical Data

- Application Class: HNE acc. to DIN 40040  
-40°C to + 90°C
- Materials:  
Coupling Nut: Brass, nickel plated  
Back Shell: Nylon
- Mechanical Data:  
Protection: IP67, NEMA 6P (only in fully locked position)
- Electrical Data:  
Contact Resistance: ≤5mΩ  
Current Rating: 4A  
Working Voltage: 250V  
Dielectric Withstanding Voltage: 2 KVAC RMS/60sec  
Insulation Resistance: >10<sup>9</sup>Ω