

**M12 Field Attachable Connectors**

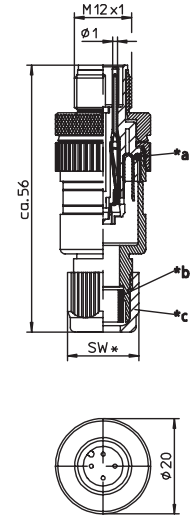
RSCQ | RKCQ



**Male, 3- and 4-Pole**

Field attachable connector, M12 male straight connector, 3- and 4-pole with threaded joint, assembling with spring-type terminals.

RSCQ



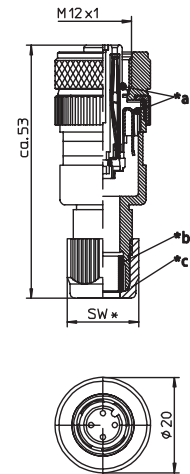
\*a O-Ring  
\*b gasket  
\*c cap nut



**Female, 3- and 4-Pole**

Field attachable connector, M12 female straight connector, 3- and 4-pole with threaded joint, assembling with spring-type terminals.

RKCQ

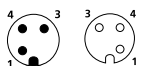


\*a O-Ring  
\*b gasket  
\*c cap nut

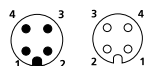
**Pin Assignments**

Face Views / M12, Male / Female

**3 pole**



**4 pole**





Be Certain with Belden

**M12 Field Attachable Connectors**  
RSCQ | RKCQ

**Technical Data**

**Environmental**





Degree of protection IP 67 / NEMA 6P  
Operating temperature range -25°C (-13°F) / +90°C (+194°F)

**Mechanical**

Housing / Molded body PBT  
Insert PBT  
Contact stainless steel, silver-plated, gold-plated  
Receptacle shell CuZn, nickel-plated  
O-ring FKM  
Mode of connection Spring-type terminals  
Connectable conductor 0.14–0.50 mm<sup>2</sup>  
0.14 mm<sup>2</sup> with terminal pin sleeve

**Electrical**

Contact resistance ≤ 5 mΩ  
Nominal current at 40°C 4 A  
Nominal voltage 240 V  
Rated voltage 250 V  
Test voltage 2.0 kV eff. / 60 s  
Insulation resistance > 10<sup>9</sup> Ω  
Pollution degree 3

| Part Number |            | Pins | Cable Diameter Range | Characteristics  |
|-------------|------------|------|----------------------|--|
| Male        | Female     |      |                      |  |
| RSCQ 3/7    | RKCQ 4/3/7 | 3    | Ø 3.0-6.5 mm /SW 15  | <br><br><br> |
| RSCQ 3/9    | RKCQ 4/3/9 |      | Ø 4.0-8.0 mm /SW 19  |  |
| RSCQ 4/7    | RKCQ 4/7   | 4    | Ø 3.0-6.5 mm /SW 15  |  |
| RSCQ 4/9    | RKCQ 4/9   |      | Ø 4.0-8.0 mm /SW 19  |  |

Field Attachable Connectors