

**M12 Field Attachable Connectors**

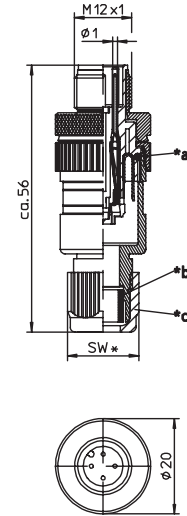
RSCQ | RKCQ



**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



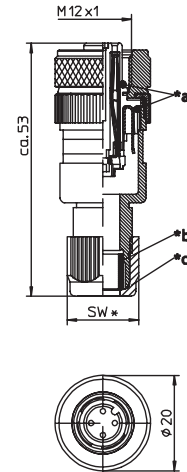
\*a O-Ring  
\*b gasket  
\*c cap nut



**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

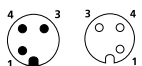


\*a O-Ring  
\*b gasket  
\*c cap nut

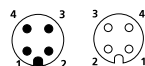
**Pin Assignments**

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
<b>Male</b>	<b>Female</b>		
RSCQ 3/7	RKCQ 4/3/7	3	Ø 3.0-6.5 mm /SW 15
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

