

## M12 Field Attachable Connectors

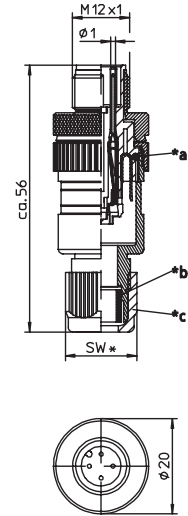
### RSCQ | RKCQ



#### 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



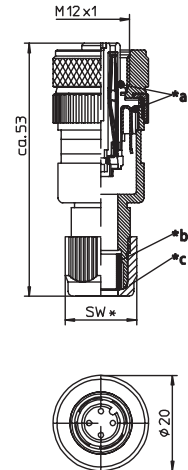
\*a O-Ring  
\*b gasket  
\*c cap nut



#### 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

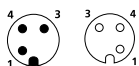


\*a O-Ring  
\*b gasket  
\*c cap nut

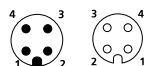
### Pin Assignments

#### 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	   
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	