

## M12 Field Attachable Connectors

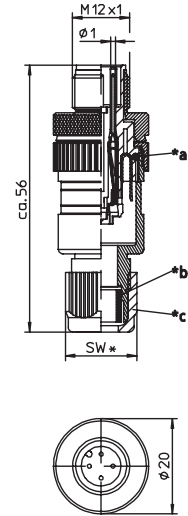
RSCQ | RKCQ



### 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



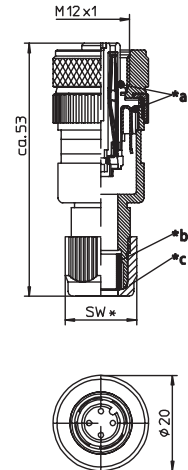
\*a O-Ring  
\*b gasket  
\*c cap nut



### 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

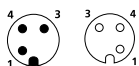


\*a O-Ring  
\*b gasket  
\*c cap nut

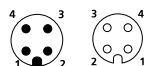
## Pin Assignments

Face Views / M12, Male / Female

3 pole



4 pole





# Be Certain with Belden

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### 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	

# Mouser Electronics

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