

M12 Field Attachable Connectors

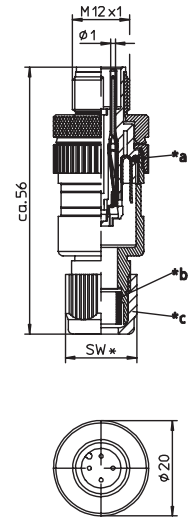
RSCQ | RKCQ



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



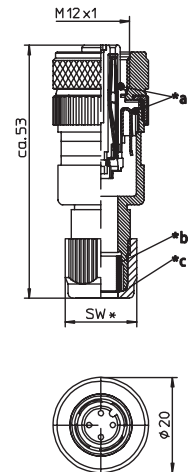
*a O-Ring
*b gasket
*c cap nut



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

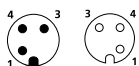


*a O-Ring
*b gasket
*c cap nut

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 ² 0.14 mm ² 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 ⁹ 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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[RSCQ 4/9 single pk of 1](#) [RSCQ 3/7 pack of 5](#) [RSCQ 4/7 single pk of 1](#) [RSCQ 3/9 pack of 5](#)