

M12 Field Attachable Connectors

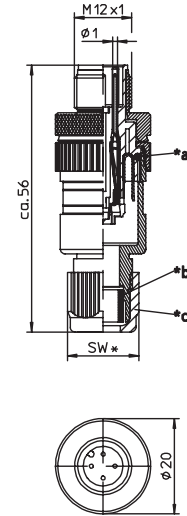
RSCQ | RKCQ



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



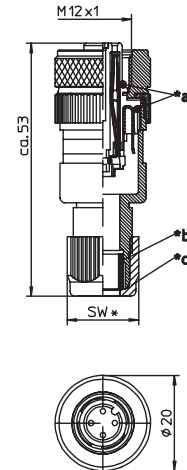
*a O-Ring
*b gasket
*c cap nut



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

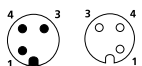


*a O-Ring
*b gasket
*c cap nut

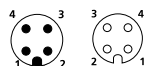
Pin Assignments

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 mm²
 0.14 mm² 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 > 10⁹ 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



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