

M12 Field Attachable Connectors

RSCQS | 0976 PMC 102 | 0986 EMC 102
RKCQS | 0976 PFC 102

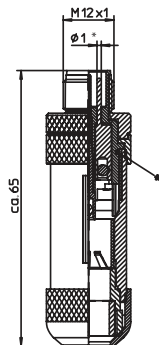


Male, 3- and 4-Pole

Field attachable connector, M12 male connector, 3- and 4-pole with threaded joint, shieldable, assembling with spring-type terminals.

- 0976 PMC 102: 4 poles, B coding, especially suitable for Profibus signal cable 0975 254 000/...M -
- 0986 EMC 102: 4 poles, D coding, especially suitable for Industrial EtherNet data cable 0985 342 000/... M -

RSCQS | 0976 PMC 102 | 0986 EMC 102



*a O-Ring

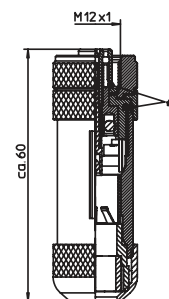


Female, 3- and 4-Pole

Field attachable connector, M12 female connector, 3- and 4-pole with threaded joint, shieldable, assembling with spring-type terminals.

- 0976 PFC 102: 4 poles, B coding, especially suitable for Profibus signal cable 0975 254 000/... M -

RKCQS | 0976 PFC 102



*a O-Ring

Pin Assignments

Face Views / M12, Male / Female

3 pole



4 pole



4 pole B-coding



4 pole D-coding





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 GD-ZnAl, pre-coppered and nickel-plated
 Insert PBT
 Contact Stainless steel, silver-plated, gold-plated
 Receptacle shell CuZn, nickel-plated
 Shield sleeve CuBe, tin-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 120 V
 0976 PMC 102: 32 V
 Rated voltage 125 V
 Test voltage 1.5 kV eff. / 60 s
 0976 PMC 102: 0.65 kV eff. / 60 s
 Insulation resistance > 10⁹ Ω
 Pollution degree 3

Part Number	Pins	Cable Diameter Range	Characteristics
Male	Female		
RSCQS 3/9	RKCQS 4/3/9	3	∅ 4.0–9.0 mm  
RSCQS 4/9	RKCQS 4/9	4	∅ 4.0–9.0 mm  
0976 PMC 102	0976 PFC 102	4B	∅ 4.0–9.0 mm  
0976 EMC 102		4D	∅ 4.0–9.0 mm 