

M12 Field Attachable Connectors

RSCS | 0976 PMC 101 | RKCS | 0976 PFC 101

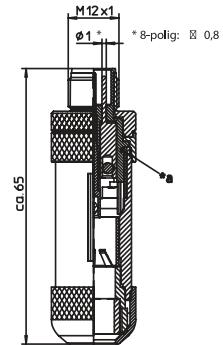


Male, 4-, 5-, and 8-Pole

Field attachable connector, M12 male connector 4-, 5-, and 8-pole with threaded joint, shieldable, assembling with screw terminals.

– 0976 PMC 101: 5 poles, B coding, especially suitable for Profibus signal cable 0975 254 000/... M –

RSCS | 0976 PMC 101



*a O-Ring

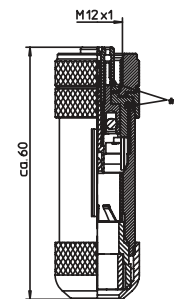


Female, 4-, 5-, and 8-Pole

Field attachable connector, M12 female connector 4-, 5-, and 8-pole with threaded joint, shieldable, assembling with screw terminals.

– 0976 PFC 101: 5 poles, B coding, especially suitable for Profibus signal cable 0975 254 000/... M –

RKCS | 0976 PFC 101

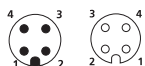


*a O-Ring

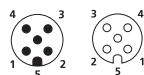
Pin Assignments

Face Views / M12, Male / Female

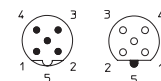
4 pole



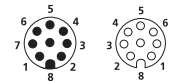
5 pole



5 pole B coding



8 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 GD-ZnAl, pre-coppered and nickel-plated
Insert PBT, RSCS 8/9: PA
Contact CuZn, pre-coppered, CuSnZn
Receptacle shell CuZn, nickel-plated
Shield sleeve CuBe, tin-plated
O-ring FKM
Mode of connection Screw terminals
Connectable conductor max. 0.75 mm²

Electrical

Contact resistance ≤ 5 mΩ
Nominal current at 40°C 3–5 poles 4 A,
8 poles 2 A
Nominal voltage 3–4 poles 120 V
5 poles 60 V
8 poles 30 V
Rated voltage 3–4 poles 125 V
5 poles 63 V
8 poles 36 V
Test voltage 3–4 poles 1.5 kV eff. / 60 s
5–8 poles 1.0 kV eff. / 60 s
Insulation resistance > 10⁹ Ω
Pollution degree 3

Part Number		Pins	Cable Diameter Range	Characteristics
Male	Female			
RSCS 4/9	RKCS 4/9	4	Ø 4.0–9.0 mm	 
RSCS 5/9	RKCS 5/9	5	Ø 4.0–9.0 mm	 
0976 PMC 101	0976 PFC 101	5B	Ø 4.0–9.0 mm	  
RSCS 8/9	RKCS 8/9	8	Ø 4.0–9.0 mm	 