

M23 Field Attachable Connectors

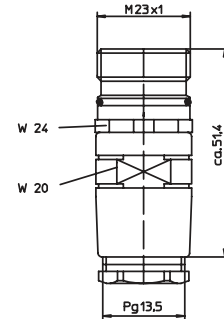
RSC-F-120/13.5 | RSC 190/9



Male, 12-Pole

Field attachable connector, M23 male connector 12-pole with threaded joint, external thread, assembling with solder connections.

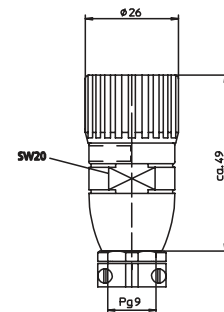
RSC-F-120/13.5



Male, 19-Pole

Field attachable connector, M23 male connector, 19-pole with threaded joint, assembling with solder connections.

RSC 190/9



Pin Assignments

M23 - Male

12 poles



19 poles





Be Certain with Belden

M23 Field Attachable Connectors

RSC-F-120/13.5 | RSC 190/9

Technical Data

Environmental





Degree of protection	RSC-F-120/13.5: IP 67 RSC 190/9: IP 65
Operating temperature range	RSC-F-120/13.5: -40°C (-40°F) / +90°C (+194°F) RSC 190/9: -25°C (-13°F) / +110°C (+230°F)

Mechanical

Housing / Molded body	CuZn, nickel-plated
Insert	RSC-F-120/13,5: PBT GF RSC 190/9: PA
Contact	CuZn, pre-nickeled and gold-plated
Receptacle shell	CuZn, nickel-plated
O-ring	FKM (only RSC-F-120/13,5)
Mode of connection	solder connection
Connectable conductor	max. 1.0 mm ²

Electrical

Contact resistance	RSC-F-120/13,5: ≤ 5 mΩ RSC 190/9: ≤ 3 mΩ
Nominal current at 40°C	RSC-F-120/13,5: 8 A RSC 190/9: 16 x 8 A / 3 x 10 A
Nominal voltage	150 V
Test voltage	1.5 kV eff. / 60 s
Insulation resistance	> 10 ⁹ Ω
Pollution degree	3

Part Number	Pins	Cable Diameter Range	Characteristics
Male	Male		
RSC-F-120/13.5	12	Ø 10.0 – 14.0 mm	 
	RSC 190/9	19	Ø 6.0 – 10.0 mm  

Mouser Electronics

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[RSC-F-120/13.5 single pk of 1](#) [RSC 190/9 single pk of 1](#)