

M8 Field Attachable Connectors

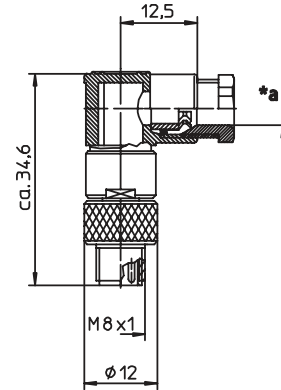
RSMCW | RKMCW



Male, 3- and 4-Pole

Field attachable connector, M8 male right angle connector, 3- and 4-pole with threaded joint, assembling with solder connections.

RSMCW



*a O-Ring

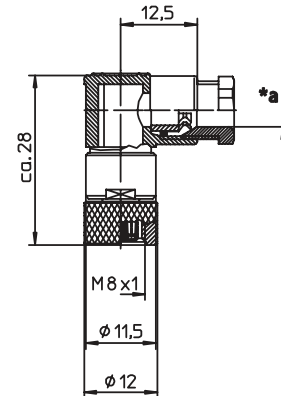
*b Screw joint for cable



Female, 3- and 4-Pole

Field attachable connector, M8 female right angle connector 3- and 4-pole with threaded joint, assembling with solder connections.

RKMCW



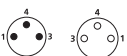
*a O-Ring

*b Screw joint for cable

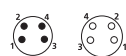
Pin Assignments

Face Views / M12, Male / Female

3 pole



4 pole





Be Certain with Belden

M8 Field Attachable Connectors

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Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
Operating temperature range -40°C (-40°F) / +85°C (+185°F)

Mechanical

Housing / Molded body PBT
Insert PA
Contact CuSn, gold-plated
Receptacle shell CuZn, nickel-plated
O-ring FKM (only RKMCW)
Mode of connection Solder connection
Connectable conductor max. 0.25 mm²

Electrical

Contact resistance ≤ 5 mΩ
Nominal current at 40°C 4 A
Nominal voltage 3 poles 60 V
4 poles 30 V
Rated voltage 3 poles 63 V
4 poles 36 V
Test voltage 0.9 kV eff. / 60 s
Insulation resistance > 10⁹ Ω
Pollution degree 3

Part Number	Pins	Cable Diameter Range	Characteristics
Male	Female		
RSMCW 3	RKMCW 3	3	Ø 3.5-5.0 mm
RSMCW 4	RKMCW 4	4	Ø 3.5-5.0 mm

