

M8 Field Attachable Connectors

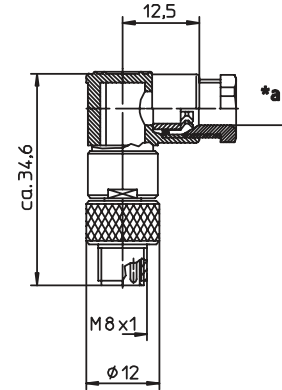
RSMCW | RKM CW



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

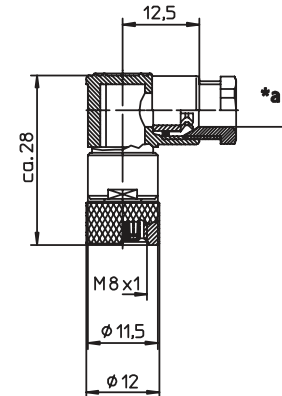
*b Screw joint for cable



Female, 3- and 4-Pole

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

RKM CW



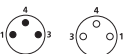
*a O-Ring

*b Screw joint for cable

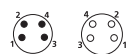
Pin Assignments

Face Views / M12, Male / Female

3 pole



4 pole





Be Certain with Belden

M8 Field Attachable Connectors

RSMCW | RKMCW

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 mm ²

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	> 10 ⁹ 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	