

M8 Field Attachable Connectors

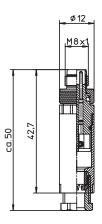
RSMCK I RKMCK



Male, 3- and 4-Pole

Field attachable connector, M8 male connector, 3- and 4-pole with threaded joint, assembling with screw terminals.

RSMCK



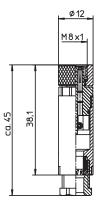




Female, 3- and 4-Pole

Field attachable connector, M8 female connector 3- and 4-pole with threaded joint, assembling with screw terminals.

RKMCK





Pin Assignments

Face Views / M12, Male / Female

3 pole

4 pole









ield Attachable Connectors

Be Certain with Belden



M8 Field Attachable Connectors

RSMCK | RKMCK

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P

Operating temperature range $-40^{\circ}\text{C} (-40^{\circ}\text{F}) / +85^{\circ}\text{C} (+185^{\circ}\text{F})$

Mechanical

Housing / Molded body PA

Insert TPU, self-extinguishing
Contact CuZn, pre-nickeled and
0.8 microns gold-plated
Receptacle shell CuZn, nickel-plated

O-ring FKM

Mode of connection Screw terminals
Connectable conductor 0.14-0.50 mm²

Electrical

 $\begin{array}{ll} \mbox{Contact resistance} & \leq 5 \mbox{ m} \Omega \\ \mbox{Nominal current at 40°C} & \mbox{4 A} \end{array}$

Nominal voltage 3 poles 60 V 4 poles 30 V

Rated voltage 3 poles 63 V 4 poles 36 V

Test voltage 3 poles 1.5 kV eff. / 60 s

4 poles 0.8 kV eff. / 60 s

 $\begin{array}{ll} \mbox{Insulation resistance} & > 10^9 \, \Omega \\ \mbox{Pollution degree} & 3 \end{array}$

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