

M8 Field Attachable Connectors

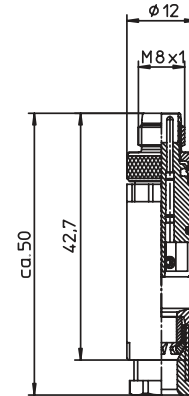
RSMCK | RKMCK



Male, 3- and 4-Pole

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

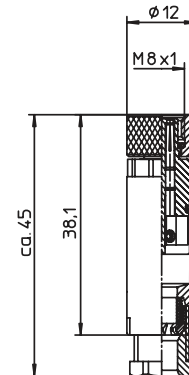
RSMCK



Female, 3- and 4-Pole

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

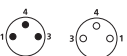
RKMCK



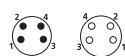
Pin Assignments

Face Views / M12, Male / Female

3 pole



4 pole





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M8 Field Attachable Connectors

RSMCK | RKMCK

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 PA
 Insert TPU, self-extinguishing
 Contact CuZn, pre-nickel 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

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 3 poles 1.5 kV eff. / 60 s
 4 poles 0.8 kV eff. / 60 s
 Insulation resistance > 10⁹ Ω
 Pollution degree 3

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



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