

**M8 Field Attachable Connectors**

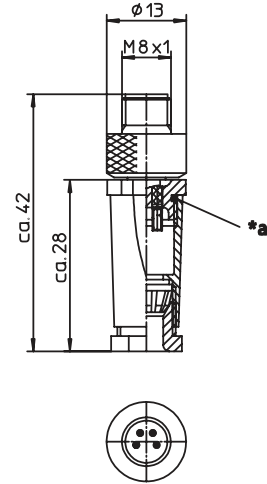
RSMC | RKMC



**Male, 3- and 4-Pole**

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

RSMC



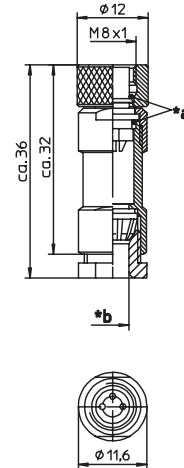
\*a O-Ring



**Female, 3- and 4-Pole**

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

RKMC

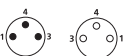


\*a O-Ring  
\*b Screw joint for cable

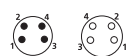
**Pin Assignments**

Face Views / M12, Male / Female

**3 pole**



**4 pole**





## Be Certain with Belden

### M8 Field Attachable Connectors

RSMC | RKMC

#### Technical Data

##### Environmental

Degree of protection	IP 67 / NEMA 6P
Operating temperature range	RSMC: -25°C (-13°F) / +80°C (+176°F) RKMC: -40°C (-40°F) / +85°C (+185°F)

##### Mechanical

Housing / Molded body	RSMC: CuZn, nickel-plated RKMC: PBT
Insert	PA
Contact	RSMC: CuZn, pre-nickeled and 0.8 microns gold-plated RKMC: CuSn, gold-plated
Receptacle shell	CuZn, nickel-plated
O-ring	FKM (only RKMC)
Mode of connection	Solder connection
Connectable conductor	RSMC: max. 0.34mm <sup>2</sup> RKMC: max. 0.25 mm <sup>2</sup>

##### 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	RSMC: 3 poles 1.5 kV eff. / 60 s 4 poles 0.8 kV eff. / 60 s
Insulation resistance	> 10 <sup>9</sup> Ω
Pollution degree	3

Part Number	Pins	Cable Diameter Range	Characteristics
<b>Male</b>	<b>Female</b>		
RSMC 3	RKMC 3	3	Ø 3.5-5.0 mm
RSMC 4	RKMC 4	4	Ø 3.5-5.0 mm





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