

## M8 Field Attachable Connectors

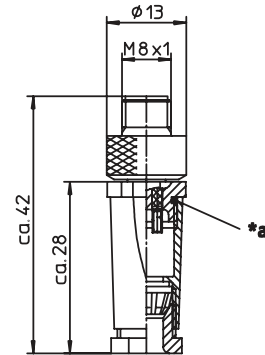
RSMC | RKMC



### Male, 3- and 4-Pole

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

RSMC



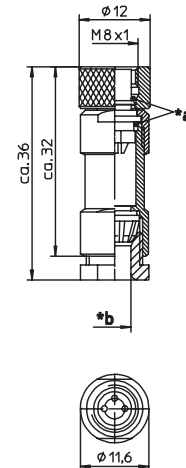
\*a O-Ring



### Female, 3- and 4-Pole

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

RKMC

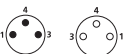


\*a O-Ring  
\*b Screw joint for cable

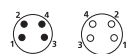
## Pin Assignments

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

