

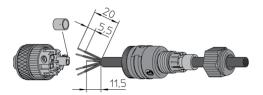
### **M12 Field Attachable Connectors**

#### RSC | RKC

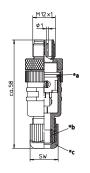


#### Male, 3-, 4-, 5-, and 8-Pole

Field attachable connector, M12 male connector, 3-, 4-, 5-, and 8-pole with threaded joint, assembling with screw terminals.



#### **RSC**

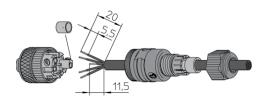




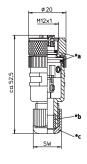
\*a O-Ring \*b gasket

### Female, 3-, 4-, 5-, and 8-Pole

Field attachable connector, M12 female connector, 3-, 4-, 5-, and 8-pole with threaded joint, assembling with screw terminals.



## RKC





\*a O-Ring \*b gasket \*c cap nut

#### **Pin Assignments**

### Face Views / M12, Male / Female

3 pole













J pole









# Be Certain with Belden



#### **M12 Field Attachable Connectors**

RSC | RKC

#### **Technical Data**

**Environmental** 

Degree of protection IP 67 / NEMA 6P

Operating temperature range -25°C (-13°F) / +90°C (+194°F)

Mechanical

Housing / Molded body PBT PBT Insert

Contact CuZn, pre-coppered, CuSnZn

8-poles pre-nickeled, gold-plated

CuZn, nickel-plated Receptacle shell

0-ring

Mode of connection Screw terminals

3-5 poles max. 0.75 mm2 Connectable conductor

8 poles max. 0.50 mm<sup>2</sup>

**Electrical** 

Contact resistance  $\leq$  5 m $\Omega$ Nominal current at 40°C 3-5 poles 4 A

8 poles 2 A

3-4 poles 240 V Nominal voltage

5 poles 60 V

8 poles 30 V

3-4 poles 250 V Rated voltage 5 poles 63 V

8 poles 36 V

Test voltage 3-4 poles 2.0 kV eff. / 60 s 5 poles 1.5 kV eff. / 60 s

8 poles 0.9 kV eff. / 60 s

 $> 10^{9} \Omega$ Insulation resistance

Pollution degree

Part Number		Pins	Cable Diameter Range	Characteristics
Male	Female			
RSC 3/7	RKC 4/3/7	3	Ø 3.0-6.5 mm /SW 15	<b>N</b>
RSC 3/9	RKC 4/3/9		Ø 4.0-8.0 mm /SW 19	<b>1</b>
RSC 4/7	RKC 4/7	4	Ø 3.0-6.5 mm /SW 15	<b>91.</b>
RSC 4/9	RKC 4/9		Ø 4.0-8.0 mm /SW 19	
RSC 5/7	RKC 5/7	5	Ø 3.0-6.5 mm /SW 15	<b>*</b>
RSC 5/9	RKC 5/9		Ø 4.0-8.0 mm /SW 19	<b>A</b>
RSC 8/9	RKC 8/9	8	Ø 4.0-8.0 mm /SW 19	