

## M12 Field Attachable Connectors (Stainless Steel Hardware)

### RSCN | RKC

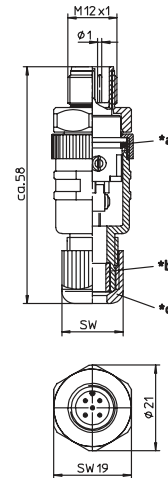


#### Male, 4-, 5-, and 8-Pole

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

– especially designed for use in food processing equipment –

#### RSCN



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

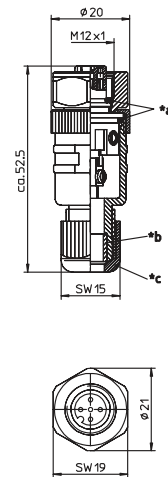


#### Female, 4-, 5-, and 8-Pole

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

– especially designed for use in food processing equipment –

#### RKC

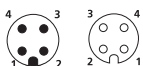


\*a O-Ring  
\*b gasket  
\*c cap nut

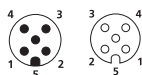
### Pin Assignments

#### Face Views / M12, Male / Female

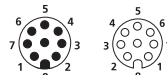
##### 4 pole



##### 5 pole



##### 8 pole





# Be Certain with Belden

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### Technical Data

#### Environmental

Degree of protection	IP 67 / NEMA 6P
Operating temperature range	-25°C (-13°F) / +85°C (+185°F)

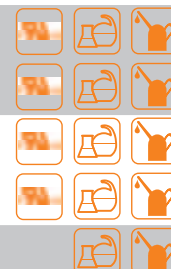
#### Mechanical

Housing / Molded body	PBT
Insert	PBT
Contact	CuZn, pre-coppered, CuSnZn
Receptacle shell	8-poles pre-nickel, gold-plated
O-ring	stainless steel
Mode of connection	FKM
Connectable conductor	Screw terminals
	4–5 poles max. 0.75 mm <sup>2</sup>
	8 poles max. 0.50 mm <sup>2</sup>

#### Electrical

Contact resistance	≤ 5 mΩ
Nominal current at 40°C	4–5 poles 4 A
	8 poles 2 A
Nominal voltage	4 poles 240 V
	5 poles 60 V
	8 poles 30 V
Rated voltage	4 poles 250 V
	5 poles 63 V
	8 poles 36 V
Test voltage	4 poles 2.0 kV eff. / 60 s
	5 poles 1.5 kV eff. / 60 s
	8 poles 0.9 kV eff. / 60 s
Insulation resistance	> 109 Ω
Pollution degree	3

Part Number	Pins	Cable Diameter Range	Characteristics
<b>Male</b>	<b>Female</b>		
RSCN 4/7	RKC� 4/7	4	Ø 3.0–6.5 mm /SW 15
RSCN 4/9	RKC� 4/9		Ø 4.0–8.0 mm /SW 19
RSCN 5/7	RKC� 5/7	5	Ø 3.0–6.5 mm /SW 15
RSCN 5/9	RKC� 5/9		Ø 4.0–8.0 mm /SW 19
RSCN 8/9	RKC� 8/9	8	Ø 4.0–8.0 mm /SW 19



# Mouser Electronics

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## Lumberg Automation:

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