

# M12 Field Attachable Connectors (Stainless Steel Hardware)

# RSCWN I RKCWN

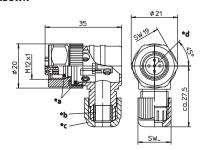


# Male, 4- and 5-Pole (90°)

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

especially designed for use in food processing equipment –

### **RSCWN**



- \*a O-Ring
- \*b gasket
- \*d insert 90° rotatable

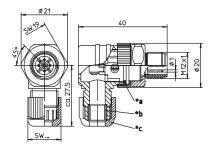


# Female, 4- and 5-Pole

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

especially designed for use in food processing equipment –

### **RKCWN**



\*a O-Ring

\*b gasket

# **Pin Assignments**

Face Views / M12, Male / Female

4 pole









# Field Attachable Connectors

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# M12 Field Attachable Connectors (Stainless Steel Hardware)

### **Technical Data**

RSCWN | RKCWN

**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

8-poles pre-nickeled, gold-plated

Receptacle shell stainless steel

O-ring FKM

Mode of connection Screw terminals
Connectable conductor 4–5 poles max. 0.75 mm²

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

**Electrical** 

Rated voltage

 $\begin{array}{ll} \mbox{Contact resistance} & \leq 5 \ \mbox{m} \Omega \\ \mbox{Nominal current at 40°C} & \mbox{4-5 poles 4 A} \end{array}$ 

8 poles 2 A

Nominal voltage 4 poles 240 V

5 poles 60 V

8 poles 30 V

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  $> 109 \ \Omega$ 

Pollution degree 3

Part Number		Pins	Cable Diameter Range	Characteristics
Male	Female	'		
RSCWN 4/7	RKCWN 4/7	4	Ø 3.0-6.5 mm /SW 15	
RSCWN 4/9	RKCWN 4/9		Ø 4.0-8.0 mm /SW 19	
RSCWN 5/7	RKCWN 5/7	5	Ø 3.0-6.5 mm /SW 15	
RSCWN 5/9	RKCWN 5/9		Ø 4.0-8.0 mm /SW 19	

# **Mouser Electronics**

**Authorized Distributor** 

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# **Lumberg Automation:**

RSCWN 5/9 single pk of 1 RSCWN 4/7 single pk of 1 RSCWN 4/9 single pk of 1 RSCWN 5/7 single pk of 1