

## M12 Field Attachable Connectors (Stainless Steel Hardware)

### RSCWN | RKCWN

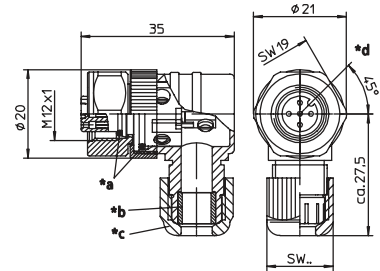


#### Male, 4- and 5-Pole (90°)

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
- \*c cap nut
- \*d insert 90° rotatable

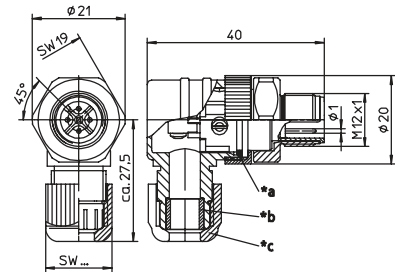


#### Female, 4- and 5-Pole

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

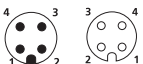


- \*a O-Ring
- \*b gasket
- \*c cap nut

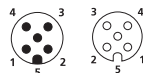
### Pin Assignments

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

##### 4 pole



##### 5 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  
 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 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   |
|-------------|-----------|------|----------------------|---|
| 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  |    |