

## M12 Field Attachable Connectors (Stainless Steel Hardware)

### RSCN | RKC

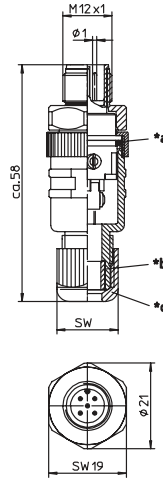


#### Male, 4-, 5-, and 8-Pole

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

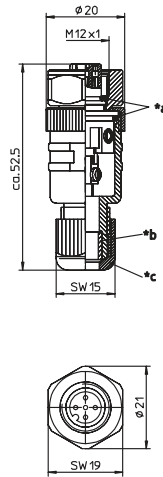


#### Female, 4-, 5-, and 8-Pole

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

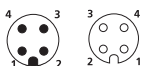


\*a O-Ring  
\*b gasket  
\*c cap nut

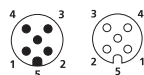
### Pin Assignments

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

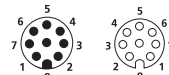
##### 4 pole



##### 5 pole



##### 8 pole





# Be Certain with Belden

## M12 Field Attachable Connectors (Stainless Steel Hardware)

RSCN | RKCNC

### 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-nickelated, 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    |      |                      |   |
| RSCN 4/7    | RKCNC 4/7 | 4    | Ø 3.0-6.5 mm /SW 15  |    |
| RSCN 4/9    | RKCNC 4/9 |      | Ø 4.0-8.0 mm /SW 19  |    |
| RSCN 5/7    | RKCNC 5/7 | 5    | Ø 3.0-6.5 mm /SW 15  |    |
| RSCN 5/9    | RKCNC 5/9 |      | Ø 4.0-8.0 mm /SW 19  |    |
| RSCN 8/9    | RKCNC 8/9 | 8    | Ø 4.0-8.0 mm /SW 19  |     |