

M12 Field Attachable Connectors (Stainless Steel Hardware)

RSCN | RKC

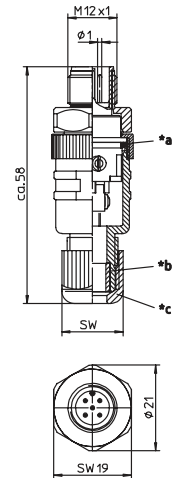


Male, 4-, 5-, and 8-Pole

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

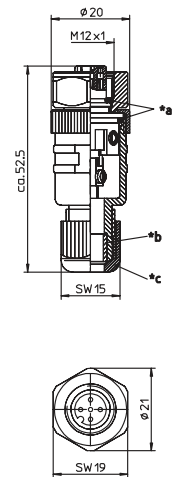


Female, 4-, 5-, and 8-Pole

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

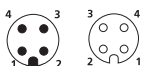


*a O-Ring
*b gasket
*c cap nut

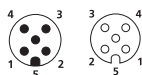
Pin Assignments

Face Views / M12, Male / Female

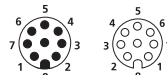
4 pole



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)

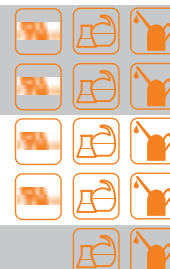
Mechanical

Housing / Molded body PBT
Insert PBT
Contact CuZn, pre-coppered, CuSnZn
8-poles pre-nickel, 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 mm²

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 | 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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[8/9 single pk of 1](#) [RSCN 5/7 single pk of 1](#)