

M12 Field Attachable Connectors (Stainless Steel Hardware)

RSCN | RKC

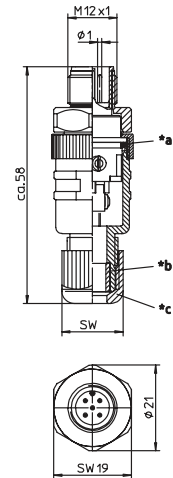


Male, 4-, 5-, and 8-Pole

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

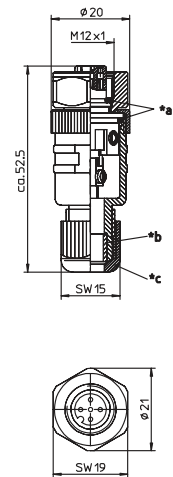


Female, 4-, 5-, and 8-Pole

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

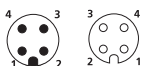


*a O-Ring
*b gasket
*c cap nut

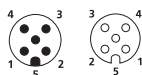
Pin Assignments

Face Views / M12, Male / Female

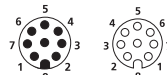
4 pole



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 ²
	8 poles max. 0.50 mm ²

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

