

M12 Field Attachable Connectors (Stainless Steel Hardware)

RSCN | RKC

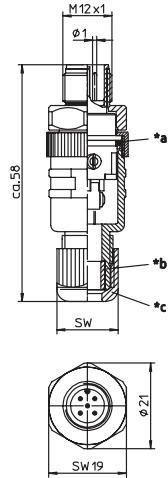


Male, 4-, 5-, and 8-Pole

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

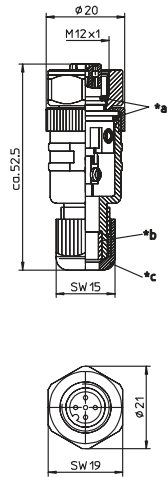


Female, 4-, 5-, and 8-Pole

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

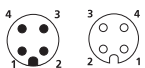


*a O-Ring
*b gasket
*c cap nut

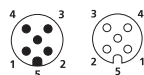
Pin Assignments

Face Views / M12, Male / Female

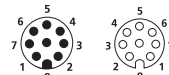
4 pole



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 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	RKCNC 4/7	4	∅ 3.0-6.5 mm /SW 15	
RSCN 4/9	RKCNC 4/9		∅ 4.0-8.0 mm /SW 19	
RSCN 5/7	RKCNC 5/7	5	∅ 3.0-6.5 mm /SW 15	
RSCN 5/9	RKCNC 5/9		∅ 4.0-8.0 mm /SW 19	
RSCN 8/9	RKCNC 8/9	8	∅ 4.0-8.0 mm /SW 19	

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