

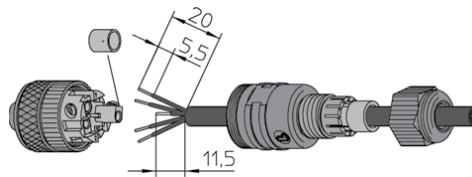
M12 Field Attachable Connectors

RSC | RKC

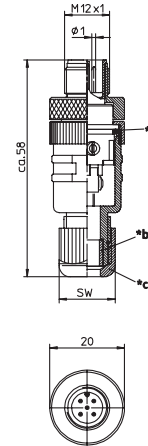


Male, 3-, 4-, 5-, and 8-Pole

Field attachable connector, M12 male connector, 3-, 4-, 5-, and 8-pole with threaded joint, assembling with screw terminals.



RSC

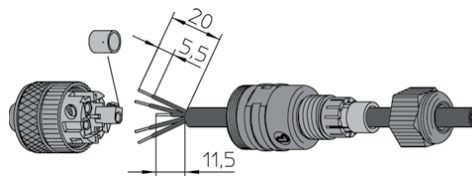


*a O-Ring
*b gasket
*c cap nut

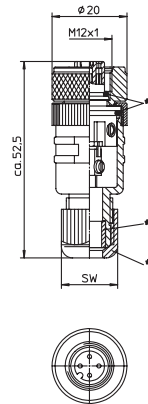


Female, 3-, 4-, 5-, and 8-Pole

Field attachable connector, M12 female connector, 3-, 4-, 5-, and 8-pole with threaded joint, assembling with screw terminals.



RKC

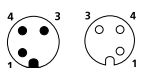


*a O-Ring
*b gasket
*c cap nut

Pin Assignments

Face Views / M12, Male / Female

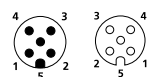
3 pole



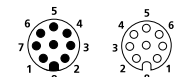
4 pole



5 pole



8 pole





Be Certain with Belden

M12 Field Attachable Connectors

RSC | RKC

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
 Operating temperature range -25°C (-13°F) / +90°C (+194°F)

Mechanical

Housing / Molded body PBT
 Insert PBT
 Contact CuZn, pre-coppered, CuSnZn
 8-poles pre-nickeled, gold-plated
 Receptacle shell CuZn, nickel-plated
 O-ring FKM
 Mode of connection Screw terminals
 Connectable conductor 3-5 poles max. 0.75 mm²
 8 poles max. 0.50 mm²

Electrical

Contact resistance ≤ 5 mΩ
 Nominal current at 40°C 3-5 poles 4 A
 8 poles 2 A
 Nominal voltage 3-4 poles 240 V
 5 poles 60 V
 8 poles 30 V
 Rated voltage 3-4 poles 250 V
 5 poles 63 V
 8 poles 36 V
 Test voltage 3-4 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		
RSC 3/7	RKC 4/3/7	3	Ø 3.0-6.5 mm /SW 15
RSC 3/9	RKC 4/3/9		Ø 4.0-8.0 mm /SW 19
RSC 4/7	RKC 4/7	4	Ø 3.0-6.5 mm /SW 15
RSC 4/9	RKC 4/9		Ø 4.0-8.0 mm /SW 19
RSC 5/7	RKC 5/7	5	Ø 3.0-6.5 mm /SW 15
RSC 5/9	RKC 5/9		Ø 4.0-8.0 mm /SW 19
RSC 8/9	RKC 8/9	8	Ø 4.0-8.0 mm /SW 19



Field Attachable Connectors

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular Metric Connectors](#) category:

Click to view products by [Lumberg](#) manufacturer:

Other Similar products are found below :

[600X518037X](#) [MA1EAF1200](#) [6STD15PCR99B70A](#) [8R4000A16M020](#) [8R4A00A18M020](#) [8R5000A16M005](#) [1200910008](#) [1200910011](#)
[1300140094](#) [130203-0054](#) [1300150099](#) [RF-12S1N8A90DU](#) [1-3637-600-5205](#) [1612618](#) [8R4006A16M010](#) [8R5006A18A120](#) [1604232](#)
[1R3006A20M005](#) [RF-12P1N8A80DU](#) [RF-12P1N8A90DU](#) [41-01016](#) [41-40011](#) [41-40017](#) [42-01015](#) [4-22279-4](#) [4-22281-1](#) [4-22284-9](#) [43-](#)
[00002](#) [43-01166](#) [41-40005](#) [41-40016](#) [43-00161](#) [43-01191](#) [XS3P-M421-2](#) [600X518050X](#) [SACC-DSI-FS-5P-PG9-L180 SC](#) [8R4006A16A120](#)
[8R4000A16M010](#) [RKC 50/16](#) [1R3004A20A1201](#) [6-22279-3](#) [N03FA03144](#) [1300140077](#) [XS8A-0441](#) [859RD04-103R004](#) [860RD04-113R004](#)
[860RD04-213R004](#) [860-X08-213R004](#) [1-213245-2](#) [2273142-2](#)