

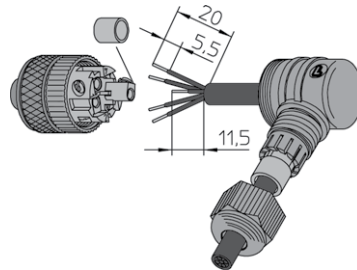
M12 Field Attachable Connectors

RSCW | RKCW

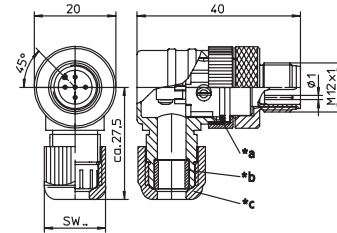


Male, 3-, 4-, 5-, and 8-Pole (90°)

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



RSCW

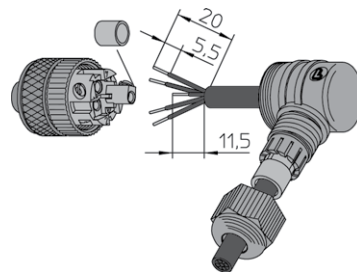


*a O-Ring
 *b gasket
 *c cap nut

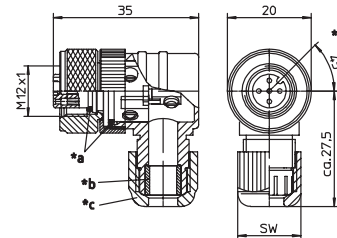


Female, 3-, 4-, 5-, and 8-Pole (90°)

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



RKCW

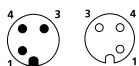


*a O-Ring
 *b gasket
 *c cap nut
 *d insert 90° rotatable

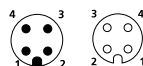
Pin Assignments

Face Views / M12, Male / Female

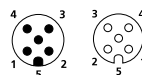
3 pole



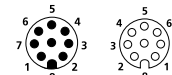
4 pole



5 pole



8 pole





Be Certain with Belden

M12 Field Attachable Connectors

RSCW | RKCW

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-nickel-plated, 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 | | | |
| RSCW 3/7 | RKCW 4/3/7 | 3 | Ø 3.0-6.5 mm /SW 15 |   |
| RSCW 3/9 | RKCW 4/3/9 | | Ø 4.0-8.0 mm /SW 19 |   |
| RSCW 4/7 | RKCW 4/7 | 4 | Ø 3.0-6.5 mm /SW 15 |   |
| RSCW 4/9 | RKCW 4/9 | | Ø 4.0-8.0 mm /SW 19 |   |
| RSCW 5/7 | RKCW 5/7 | 5 | Ø 3.0-6.5 mm /SW 15 |   |
| RSCW 5/9 | RKCW 5/9 | | Ø 4.0-8.0 mm /SW 19 |   |
| RSCW 8/9 | RKCW 8/9 | 8 | Ø 4.0-8.0 mm /SW 19 |  |