

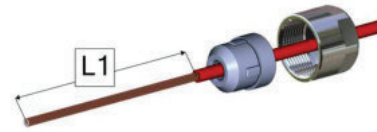
Assembly Instructions Series 100 (plug, cable mount)

1.



Part as delivered

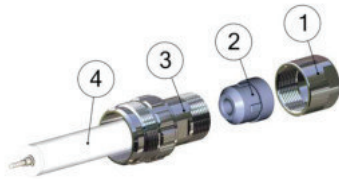
5.



Remove cable jacket

⚠ Do not damage shield braid

2.

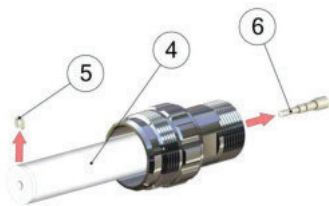


Components

Cap (1), sealing insert (2), housing (3), insulator (4)

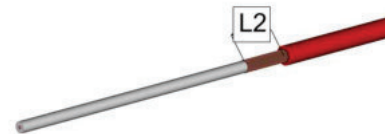
Types	min. L1 mm [inch]
S110 / S115	52 [2.037"]
S120 / S125 / S125 Pro	72 [2.824"]
S130 / S135	92 [3.611"]
S150 / S155	142 [5.580"]
S160 / S165	224 [8.828"]
S1100 / S1105	377 [14.852"]

3.



Remove snap ring (5) and take out male contact (6)

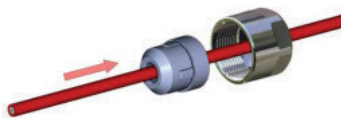
6.



Cut shield braid roughly about 30 mm [1.181"] (=L2)

⚠ Carefully remove shield parts. Loose shield parts can cause electrical break down

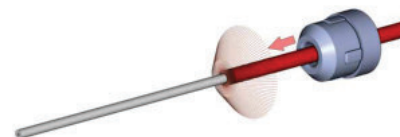
4.



Place cap (1) and sealing insert (2) on cable

⚠ Respect correct order of parts (see picture)

7.



Completely widen shield braid. Push seal insert (2) under shield braid

8.



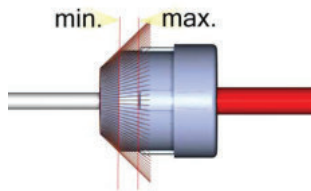
Cut shield to length.
⚠ For length see step 9.

12.



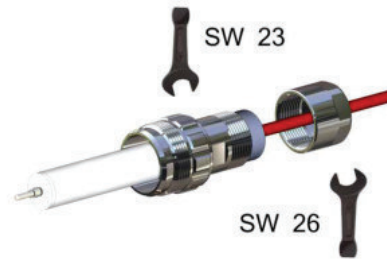
Completely insert cable in insulation part (4) until seal insert (2) plugs in housing (3)

9.



Make sure shield length is between min. and max. mark.

13.



Screw cap (1) onto housing (3)
⚠ Wrench size housing SW23, Wrench size cap SW26, tightening torque 10 Nm

10.



Remove dielectric insulation

14.

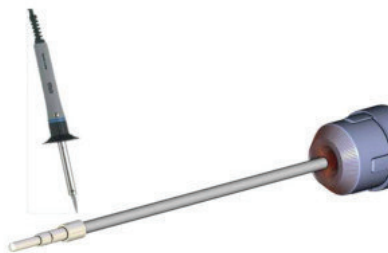


Secure contact (6) with snap ring (5)

Types	min. L3 mm [inch]
KS 110/120/130/150/160/1100	5 [.197"]
KS 115/125/125 Pro/135/155/165/1105	8 [.315"]

⚠ Do not damage conductor

11.



Solder contact (6) on conductor
⚠ Tin-solder must not remain on contact surface

15.



Assembly finished

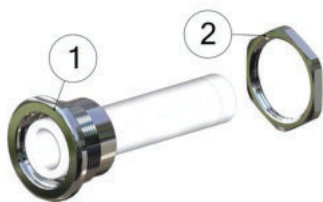
Assembly Instructions Series 100 (receptacle, panel mount)

1.



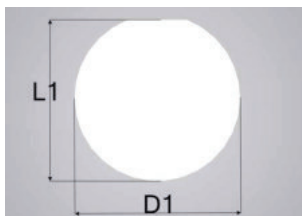
Part as supplied

2.



Remove counter nut (1) from housing (2)

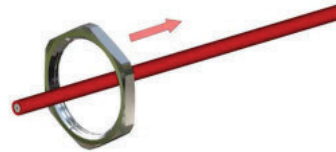
3.



Panel cut out

Dimension	Value mm [inch]
D1	36.10 [1.421"]
L1	34.90 [1.374"]

4.



Place counter nut (1) on cable

5.

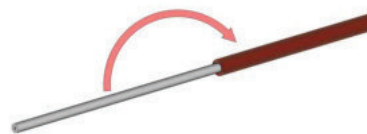


⚠ ONLY when using shielded cable:
Remove cable jacket

Type	min. L2 mm [inch]
B 110 / 115	40 [1.575"]
B 120 / 125	80 [3.150"]
B 130 / 135	120 [4.724"]
B 150 / 155	200 [7.874"]
B 160 / 165	240 [9.449"]
B 1100 / 1105	400 [15.748"]

⚠ Do not damage shield braid

6.



Fold back shield braid over jacket

7.



Remove dielectric insulation

Type	min. L3 mm [inch]
B 110 / 120 / 130 / 150 / 160 / 1100	5 [.197"]
B 115 / 125 / 135 / 155 / 165 / 1105	8 [.315"]

⚠ Do not damage conductor.

10.



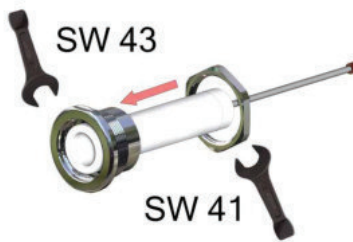
Assembly finished

8.



Solder conductor on female contact or use a cable lug to connect conductor with contact
⚠ Tin-solder must not remain on contact surface

9.



Screw on counter nut and tighten



Note – important!

1. Please carefully read assembly instructions before cable assembly.
2. Cable assembly must only be done by trained and qualified personnel.

IMPORTANT – PLEASE NOTE:

Stated stripping lengths are referring ONLY to jackets of shielded cables!

