

V1D-G-ABG-PG9-Q3 / V1SD-G-ABG-PG9-Q3

Shielded connector with insulation displacement connection
connector 4-pole, CAT5 (100 Mbit/s)
suitable for shielded twisted pair cables

1. Cable connection

Slip the pressure nut and the sleeve housing over the cable (1).
Strip approximately 35 mm off the cable (2).

Trim the overall shield to 11 mm (2).

For outer diameters smaller than 6 mm fold the overall shield back onto the cable sheath. Glue the supplied protective foil onto the back-folded overall shield.

For outer diameters larger than 6 mm glue the protective foil onto the overall shield (3).

If existing, trim the shield of the twisted pairs flush to the overall shield.

Open the cover of the terminal block.

Insert the individual conductors from the back through the inlet openings of the cover.

Pay attention to the color assignment during assembly of the wire connectors (see 4). Only use one wire for each chamber.

The distance between the terminal block and the shielding must be approx. 3 mm for straight versions and 10 mm for angled versions (5).

Cut off the protruding wires so that they are flush (6).

To contact the wires, press down the terminal block cover as far as it will go (7).

Push the sleeve housing up to the front part of the connector. Screw sleeve housing and connector front part with a torque of 0.8 Nm. Hold the sleeve housing in place with a wrench (8).

Using two wrenches, screw the pressure nut and the sleeve housing with a torque of 3 Nm (9). Tightening by hand is not sufficient.

2. Reconnection

You can connect the connector up to ten times with the same conductor cross section or a larger one.

Using two wrenches, unscrew the pressure nut from the housing.

Unscrew the sleeve housing from the front part of the connector.

Open the cover of the terminal block and pull the cable backwards out of the cover.

Completely remove any cable residue.

Trim off the used section of the cable.

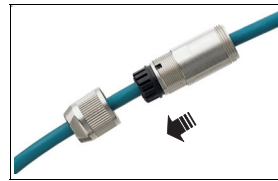


Figure 1

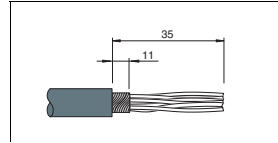


Figure 2

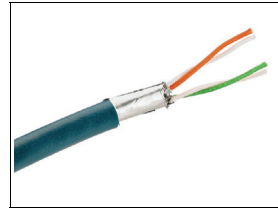


Figure 3

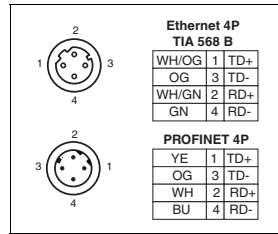


Figure 4

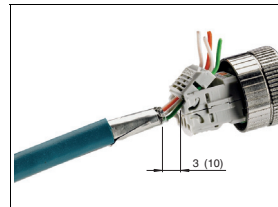


Figure 5

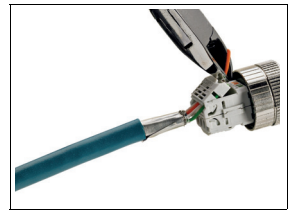


Figure 6

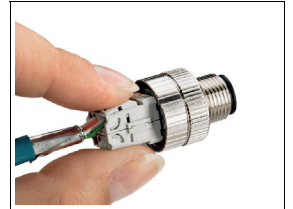


Figure 7

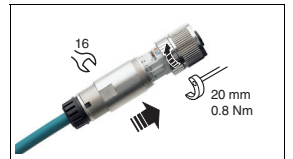


Figure 8

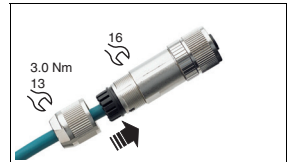


Figure 9