

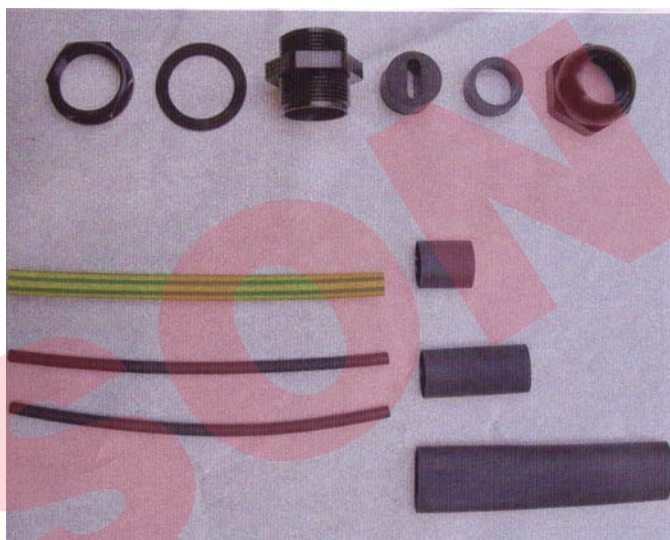
ThermConnect

Connection and termination kit

Description

The HTS ThermConnect kits are specially designed for the HTS ThermTrace® series of self-regulating heating tapes.

All kits include a plastic cable gland, shrink sleeves for buswires and braid and a shrink sleeve for the end termination.



Available kits

ThermConnect is available for:

- ThermTrace® Micro
- ThermTrace® Lite
- ThermTrace® Regular

Technical Data

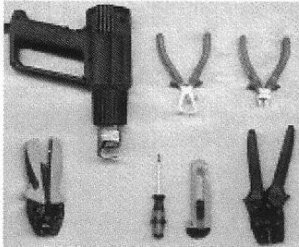
Cable gland
Body Nylon 6:6
Operating temperature: -20°C to + 100°C

Trace cable compression grommet
Material: black nitrile
Shore hardness 55
Operating temperature: -20°C to + 100°C

Heat shrink tubing
Adhesive lines dual wall polyolefin back (- 55°C to + 85°C)
Green/yellow polyolefin (- 55°C to + 135°C)



ThermConnect Installation Instructions



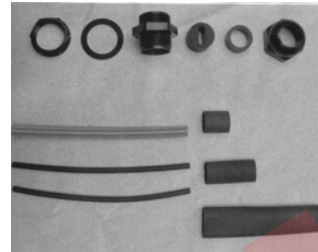
Recommended tools

Make sure to use correct tools for terminations.

All Steps to be done by experienced personnel only !

Make sure that glue is emerging the shrink sleeves while shrinking !

After completion check insulation resistance !



Connection and termination kit

1. Slide on cable gland (8). Remove 120 mm of the over-jacket.



Do not damage braiding.

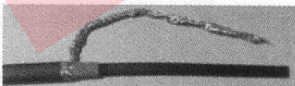
2. Push back and spread the braiding. Pull the heating tape through the braiding.



3. Twist the braiding.



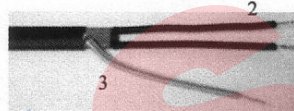
4. Remove 100 mm inner insulation sheath.



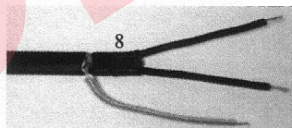
5. Remove matrix between bus wires.



6. Push shrink sleeves onto bus wires and braid. Then shrink with a hot-air-gun.

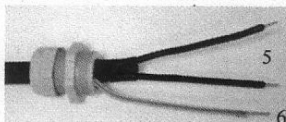


7. Push shrink sleeve over bus wires and shrink with a hot-air gun. When still warm, press together between the bus wires with needle-nose pliers.



8. Remove 10 mm bus wire insulation. Push wire pins (4 and 5) onto the bus wires and the braiding. Then squeeze with a suitable tool.

ONLY FOR LOCAL REQUIREMENTS

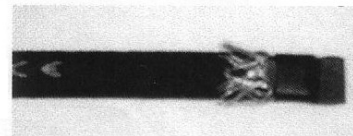


End Termination

Remove the outer protection cover 10 mm and bend back the braid.



Push shrink sleeve (7) onto the insulation sheath and shrink. Squeeze shrink sleeve when still warm at the end.



Push shrink sleeve (4) over the heating tape and shrink. Squeeze shrink sleeves when still warm at the end.

