

# **uponor**

PRE-INSULATED
PIPE SYSTEM (ECOFLEX®)

STRIP-FREE END SEAL INSTALLATION KIT

**INSTRUCTION SHEET** 

# Strip-free End Seal Installation Kit

## **For Tee or Splice Connections**

**Note:** Before performing this installation, consider that the enclosure and terminal block are manufactured from plastic materials and are at risk of breaking down in aggressive soil.

This can be solved by making the termination inside an insulation kit, under the end cap or above ground in a non-aggressive environment.

1. Remove the outer jacket 20mm (0.79") from the end.



2. Trim the braiding wires.



3. Cut one of the bus wires back in order to maintain a minimum 5mm (0.20") clearance distance between the bus wires.



4. Push the heat cable into the kit and ensure the cable contacts the inner wall.







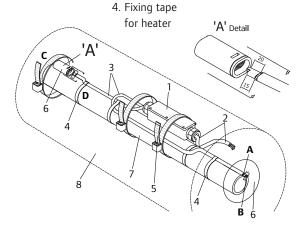
### **Typical Application with Heat-tracing Cables**

- 1. Strip-free Termination Kit
- 2. Three-layer core flexible power cord, 10 to 14mm (0.4" to 0.55")
- 3. Braided and jacketed self-regulating

diameter

heater

- 5. Fixing strap for strip-free enclosure
- 6. Strip-free End Termination Kit
- 7. Pipe
- 8. Thermal insulation and cladding



#### **Important Notes**

- A · Trim all braids to leave 10mm (0.39") distance from the exposed heating core.
- **B** · Never connect the bus wires together.
  - · Cut one of the bus wires back in order to maintain a minimum clearance of 5mm (0.20") or greater.
- C · Secure the End Seal Kit with fixing strap.
- $\textbf{D} \cdot \text{Secure the heater with}$ fixing tape.
  - · If the pipe temperature exceeds 60°C (140°F), lift the End Seal off the pipe to create a gap, and then insulate.
  - EEx e II T4 Ta = -40°C to 50°C (-40°F to 122°F)
  - · Maximum voltage: 275 VAC, Maximum current per terminal: 16 Amps.



Warning! Temperature of the heating cable at the cable entry point may exceed 70°C (158°F).

#### **Approval**

CSA

⑤₱ Industrial & Safe Location Type Designation: 3A, 3B, 3C,

5A and 5B

Certificate Number: 1620566

#### **Applicable Cable Approvals**

Cable Type	Blade	Bus Wire	Power
	Reference	Size	Cable Size
FSLe	TB-2	16AWG	16AWG

For more information, visit <u>www.heat-trace.com</u> or write to Heat Trace™ Limited, Helsby, Frodsham, Cheshire, WA6 0DJ, England.

