

DES-2

TERMINATION SYSTEM

Direct entry sealed termination unit for use with the Heat Trace range of heating cables

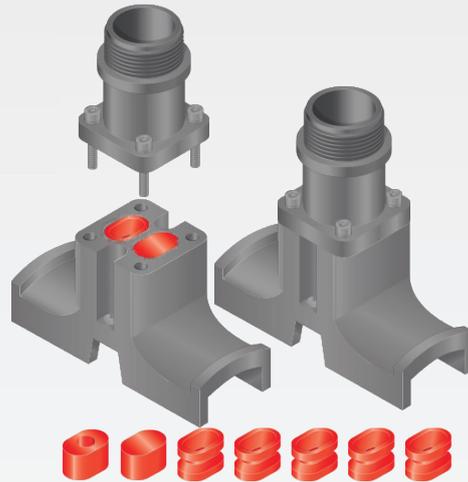
- Suitable for use in safe and hazardous areas.
- Eliminates the risk of damage to heating cables at termination points.
- IP66 rated.
- May be used for in-line and tee-splicing.

FEATURES

The DES-2 is a direct entry sealed termination unit for use with the majority of the Heat Trace range of self-regulating, and constant wattage heating cables.

Made from Glass Reinforced PPS, it has been designed specifically to reduce the risk of damage to heating cables at termination points. Thus avoiding the need to expose the heating cable as it emerges from the thermal insulation for connection into the junction box.

The DES-2 may be used for in-line splice and tee splice terminations.



OTHER EQUIPMENT NEEDED

JUNCTION BOX

The suggested junction box for use with the DES-2 system is the JB9000 Series. This style of junction box provides ample room inside for connecting the heating cables and earth wiring. The JB9000 Series comes complete with the necessary terminal blocks and is drilled with a 33mm clearance entry to accept the DES-2. However, almost any suitably certified junction box, provided it is drilled with a suitably sized DES-2 entry, may be used.

DS SEALS

Seals are required that have been specifically designed to seal correctly on the Heat Trace range of heating cables. The seals are positioned within the DES-2 base and provide a means of passing the heating cable safely through the DES-2 and into the chosen junction box. Refer to Heat Trace's termination method matrix for the seal sizes needed for the specific heating cables.

END/POWER SEALS

Termination seals, BES and BPS, are required to provide a method of safe power and end termination of a heating cable. A tube of RTV silicone sealant is also necessary.

PIPE FIXING STRAPS

Heat Trace recommend that the PFS range of pipe fixing straps is the most suitable method of holding the DES-2 in position on the pipework. Two pipe fixing straps are required per DES-2.

OPTIONAL EQUIPMENT

A Pt100 RTD sensor may be purchased to enable the DES-2 to be used as a pipe temperature sensing unit.

(See Figure 2 sensor arrangement)



The Heat Tracing Authority™

