

SPACE TEMPERATURE SENSORS



Features:

- Wide range of sensing element types
- Blends into the fabric of any building
- ABS Flame retardant
- Base plate compatible for both EU & North America fixings

Benefits:

- Aesthetically pleasing housing
- Uniformity of sensors
- Housing designed to maximize air flow through it, giving fast response times

The TT-1000 range of wall mounting temperature sensors can be fitted with either a high quality thermistor, Nickel or Platinum PTC sensing elements. This flexibility ensures compatibility with a vast majority of controllers.

The TT-1000 can be configured with a variety of user interface options including, set point control, fan speed switching (resistive) and momentary switches. The base plate allows for both EU and North American fixings.

Specifications:

Output types:

- Thermistor Resistive
- PT100a Resistive
- PT1000a Resistive
- NII000a Resistive
- Set point Resistive
- Fan speed Resistive
- Mom. switch N/O push button

Accuracy:

- Thermistor $\pm 0.2^{\circ}\text{C}$ (0 to 70°C)
- PT100a $\pm 0.2^{\circ}\text{C}$ @ 25°C
- PT1000a $\pm 0.2^{\circ}\text{C}$ @ 25°C
- NII000a $\pm 0.4^{\circ}\text{C}$ @ 0°C

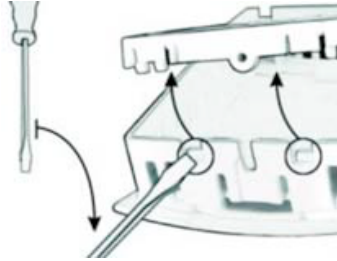
Housing:

- Material ABS (flame retardant)
- Colour polished white finish
- Dimensions 115 x 85 x 28mm (4.53 x 3.35 x 1.10")
- Ambient range -10 to 60°C (14 to 140°F)
- Protection IP30
- Weight 120g (0.26lb)

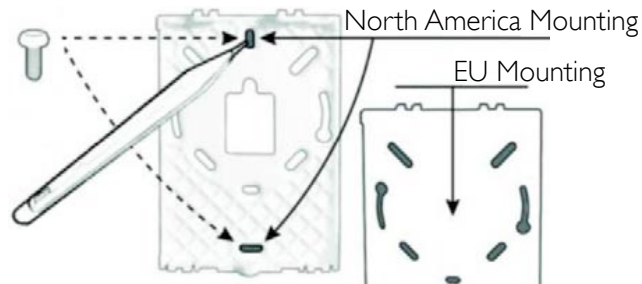
Country of Origin UK

Installation:

1. Select a location on a wall of the controlled space which will give a representative sample of the prevailing room condition. Avoid sitting the sensor in direct sunlight, on an outside wall or near heat sources. An idea mounting height is 1.5m from the floor.
2. Undo the tamperproof screw at the bottom of the housing.
3. To remove the front panel from the base, twist a screwdriver as below and pull gently the front panel from the base.



4. Using the base as a template mark the hole centres and fix to the wall with suitable screws. Alternatively the base plate can be mounted on to a conduit box or standard recessed back box. The base plate is suitable for EU & North America fixings.



5. Feed cable through the hole in the base plate of the housing and terminate the cores at the terminal block as required. Leaving some slack inside the unit.
6. Replace the housing to the base plate.
7. Re-fit the tamperproof screw (if required) through the lug at the bottom of the base plate.

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