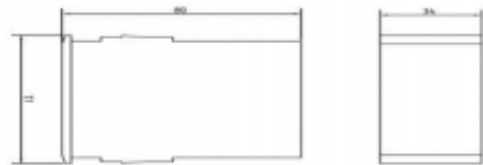


Temperature Controller, Code- TR-ETC1311

Temperature consists of a metal tube, called the well shell, closed on one end. A well spud externally threaded to fit standard boiler tapings is welded or brazed on the open end. The well is inserted into the tank and the temperature sensing bulb is inserted into the well. The sensing bulb never touches the controlled medium. Because the well conducts heat rapidly, the bulb responds quickly and accurately to temperature changes in the controlled medium.

General Attributes

- Power supply : 230 V AC / optional: 12 V
- Power consumption : Max. 4 VA
- Input (sensor) : Thermocouple Type J, Type K or Pt100 (please state when ordering)
- Scale : Thermocouple J and K: 0 ° C ... + 600 ° C /
- PT100 : -100 ° C ... + 600 ° C
- Resolution : 1 ° C
- Accuracy : ± 0.5 ° C of the full scale value
- Output : Relay, changeover contact
- Hysteresis : Adjustable between + 1 ° C ... + 20 ° C
- Enclosure Type : Switchboard mountin (DIN 43700), mounting device
- Dimensions (LxWxH) : 34 x 77 x 80 mm
- Display : 3 digits, character height 12.5 mm



Application Notes

Prevent leakage of the controlled medium
 Protects the temperature sensing bulb from mechanical damage or damage due to chemical interaction with the controlled medium.
 Permits removal of the sensing bulb for testing or control replacement without draining the system.
 Provides a tighter seal than a packing nut applied to the capillary.

Wiring diagram:

For further information please visit : <https://goo.gl/yAeF1T>