

## Digital Temperature Display Type TTD

### Installation.

It is important to ensure that the temperature of the electronics enclosure does not exceed 50°C continuous, or 70°C maximum (intermittent). With capillary models, care should be taken to mount the case away from high ambient temperatures and vibration areas. When installing a rigid stem model, sufficient stem length should be left between the case and the measuring point to protect from possible heat transfer.

### Calibration.

The displays are carefully calibrated to traceable standards (N.A.T.A.) and should not require any adjustment. It is recommended that all units be calibration checked at 12 monthly intervals.

The displays are microprocessor based, self-calibrating units that contain no user adjustments and must be returned to the supplier for any service.

### Battery Replacement.

The battery life is approximately 2 years (depending on ambient temperature). An arrow on the display will indicate low batteries, allowing three to four weeks life before the instrument shuts off.

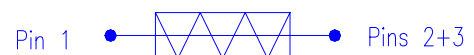


Batteries are replaced by removing the front bezel. Turn the bezel anti-clockwise, whilst holding the case body and gently lift the front bezel out and to the side. Replace all batteries with Duracell MN 1500 AA or equivalent batteries. Carefully observe the battery polarity, as marked on the battery holder. Re-pack the foam and re-fit the bezel, ensuring all leads are clear of the case rim.

**Important Note:** It is essential that the bezel is properly re-fitted to ensure the IP67 protection rating is retained. Gaskets should not be off centre or caught in the case edge. All three lip and slots must be engaged.

### Models with optional output.

3wire RTD output model.



Loop powder 4/20mA output model.

Pin 1 = +ve

Pin 2 = -ve