

TD/TL Temperature Sensors

- Temperature sensors are delivered in pairs of two. Both sensors must be installed identically into pipes of the same dimensions. Specifically meaning that the length of cable between the sensors and calculators must be equal for both. This is very important for retaining accurate measurements. Use only the provided cable length – never cut or extend it.
- The sensors are dedicated for mounting in standardized pockets with an inside diameter of .20” (TL045) or direct into the flow (TDA26 and TL045 with mounting kit).
- Only insulate the sensor head around the fitting.
- If one sensor is failing, both temperature sensors must be replaced.
- The temperature sensors connect to the calculator terminals marked Pt100/Pt500. One for high temperature and one for low temperature (L).
- Sealing thread maybe used between the lid and the locker screw in the pocket.



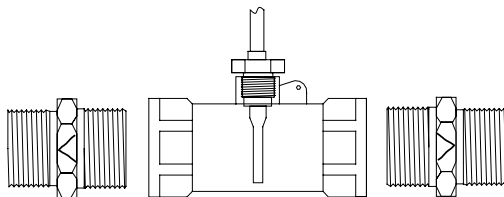
Temperature Sensor Mounting

To achieve highest possible measurement accuracy, the sensor placing must be correct. There are two simple guidelines:

1. Place the temperature sensor’s tip in the middle of the flow.
2. Place the temperature sensor’s tip so that it is facing the flow direction.

Examples:

Placing temperature sensors in T fittings



Placing temperature sensors pockets

