

# Surface Mount Temperature Sensors

## Style

Boiler Tube Block (BTB) Thermocouple



Weld & Surface Pad Temperature Sensor



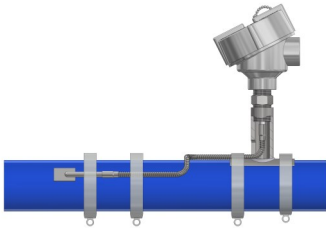
Magnetic Temperature Sensor



High Strength Magnetic Temperature Sensor



Pipe Shoe Riser Assembly



Pipe Saddle Assembly



Heat Trace RTD's



## Overview

Surface mount temperature sensors consist of a temperature sensor element that is constructed into an assembly purposed for measuring the surface temperature of an object.

Features:

- Temperature sensor elements are not subject to the direct process conditions
- Temperature sensor placement is not limited to a threaded or flanged entry point
- Sensor location can be changed if using a non-welded style

Application:

In some applications the surface temperature measurement value is used as a correlation to the process temperature. In other cases, the surface temperature is the measured variable sought out.

## Configuration Considerations

When configuring the model to suit your application it is important to consider the following:

- Minimum and maximum surface temperature
- Type of temperature sensor required
- How the sensor is going to be attached to the surface
- How long does the sensor need to be
- How long do the extension or lead wires need to be
- Hazardous location and environmental considerations