

Strap-On Temperature Sensor TS3 I-200EE7A2 Series

The TS3I-200EE7A2 single point strap-on temperature sensor utilizes a precision sensor encapsulated in a 6.35 mm (0.25") OD, 304 stainless steel probe.

Standard wire length is 5' (1.5 m).

All probes are constructed to provide excellent heat transfer, fast response and are potted to resist moisture penetration. It is available with a variety of enclosures in a standard type E, or waterproof type W on request.



Type E

Specifications

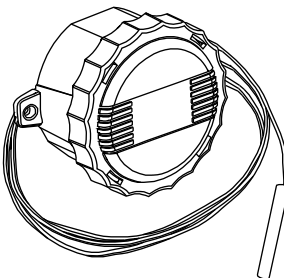
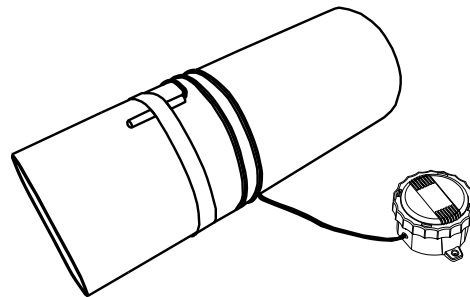
- Sensor Type: 10,000Ω, type 3, NTC Thermistor; ±0.2 C
- Temperature Range: -20 to 105 °C (-4 to 221 °F)
- Wire Material: 5' (1.524 m) PVC insulated, parallel bonded
- Probe Material: 304 Series Stainless Steel
- Probe Dimensions: 0.25" (6.35 mm) Diameter
- Enclosure: Standard - ABS - UL94-V - NEMA 12 (IP64)
- Termination: Pigtail 2 or 3 wire
Terminal block with (E) enclosure

Typical Installation

For best results, thermal conductive compound should be applied to pipe prior to mounting the probe.

Find a suitable location along the pipe where both the probe and remote enclosure can be mounted. If necessary, remove a section of insulation from pipe. Position probe directly on the pipe and secure using a pipe clamp. For added security, make 1-3 loops of the sensor cable around the pipe and feed through wire hole on the enclosure and secure using the supplied grommet. If applicable, the pipe insulation can be re-applied to the pipe over the probe.

Agency Approvals



Round ABS Enclosure - type E with gasket

