

Strap-On Pipe Temperature Sensor, Spring-Loaded ENVIROMUX®

Strap-On Pipe Temperature Sensor for the ENVIROMUX Environmental Monitoring System

- Mount to the outside of an insulated metal pipe (up to 1/4" wall).
 - Cable ties secure sensor to pipe diameters from 5" up to 14",
 - Mounts with insulation thicknesses from 0.5" – 2.5".
- Copper contact transmits surface temperature to thermal sensor.
 - Spring-loaded contact enables minimal removal of pipe insulation.
- NEMA 1 and IP20 rated metal enclosure
- Applications from -40 to 185°F (-40 to 85°C).
- Accurate to within $\pm 1.0^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).
- Response time: <1 minute for temperature changes of $\pm 2^{\circ}\text{F}$.
- High resistance to external influences on the cable due to digital output signal.
- Re-calibration is not necessary after initial set-up.
- MTBF: 1,942,123 hrs.
- Length: 7 feet.
- Includes an RJ45 coupler to extend the sensor up to 1,000 feet using CATx cable (minimum 24AWG).
- Powered by E-2D/5D/16D.
- Compatible with E-2D/5D/16D.
- Regulatory approvals: CE, RoHS.
- Compatible with E-FSC Fiber Converter/Extender.
 - Use to extend sensor up to 1.2 miles (2 km) from the ENVIROMUX unit.



E-STSP-SL-7