

NTI e-stsp-7 7ft Pipe Temperature Sensor

The ENVIROMUX-STSP-7 is an outdoor temperature sensor designed to work in combination with an NTI ENVIROMUX-2D/5D/16D Enterprise Environment Monitoring Switch to measure the surface temperature when mounted on a thin-walled steel, copper, or aluminum pipe. The ENVIROMUX-STSP-7 is a water-tight temperature sensor designed for self-centering and easy to install.

Features:

- Mount to the outside of a thin walled steel, copper, or aluminum pipe (up to 1/4" wall).
- Copper contact transmits surface temperature to thermal sensor.
- Weatherproof enclosure designed to IP65 specifications.
- Applications from -40 to 185°F (-40 to 85°C).
- Accurate to within $\pm 1.0^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$).
- MTBF: 3,540,911 hours.
- 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.
- Self centering mounting bracket available for 1-3" (25 mm) diameter pipe, and 3-6.5" (76 mm) diameter pipe (included).
 - Included adjustable cable ties secure mounting bracket to pipe.
- Length: 7 feet.
- Includes an RJ45 coupler to extend the sensor up to 1,000 feet using CATx cable (minimum 24AWG).
- Current consumption: 14mA @ 5VDC.
- 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.