



THERMALERT TX

The Thermalert® TX™ combines high performance noncontact temperature measurement with industry standard two-wire technology. Choose between the smart TX sensor with remotely addressable digital control, or the basic TX.

Smart TX sensors provide digital communications, as well as 4-20 mA output, allowing remote configuration and monitoring. Up to 15 sensors can be installed on a single multidrop network.

Smart TX sensors feature remotely adjustable temperature and output subranges, adjustable emissivity, ambient temperature check, and a user-defined alarm output. Averaging and Advanced Peak/Valley Hold algorithms are provided for accurate measurement of complex discrete processes.

DataTemp® TX Windows® software provides an easy-to-use interface for configuration and monitoring. Temperatures can be archived or exported to other applications for analysis and process documentation.

Basic TX models provide the same accuracy, repeatability, and response time as the smart TX sensors, with fixed temperature and output ranges. Emissivity on these models is switched manually at the sensor.

Highlights:

- Simple, two-wire installation
- Simultaneous 4-20 mA and digital output for smart TX sensors
- Compact, rugged sensor with NEMA-4 (IP 65) rating
- Wide temperature range from -18 to 2000°C (0 to 3600°F)
- Advanced signal processing
- Point-to-point or multidrop installation
- Install up to 15 sensors on a single multidrop network
- Windows software for remote configuration and monitoring
- Wide choice of focus distances
- Special models for glass and plastics applications

