



Thermocouple Sensor

Wireless Thermocouple Smart Sensors

Simplify High-Temperature Monitoring

Alegna's Wireless Thermocouple Sensors leverage the AlegnaSense™ remote monitoring platform to remotely monitor high-temperature applications, such as commercial ovens, kilns, and chimneys. Users benefit from a wireless data transmission range of 1,200+ ft, bank-grade security, and a temperature range of up to 400°C (752°F).

Alegna's thermocouple is user-programmed to sleep for a specified interval, awake, capture analog data, and then convert this measurement into a temperature. If the sensor captures temperatures outside of user-specified thresholds, an alert is sent via text, email, or call. Alegna's hardwired thermocouples feature a needle-style probe at the end of a 6' lead (a K-Type Quick Connect Thermocouple is also available).

A Trio of High-Temperature Monitoring Solutions

Choose one of Alegna's Wireless Thermoelectric Sensors below for high-temperature applications within industrial, commercial, and scientific settings.

Applications

- Ovens And Cooking Device Monitoring
- Furnace and HVAC Monitoring
- Exhaust Hood Monitoring
- Boiler Monitoring
- Chimney Flue Temperature Monitoring
- Kiln Temperature Monitoring
- Turbine Exhaust Monitoring

Choose the Right Smart Sensor for You!

Enterprise AA-battery powered: Our most popular type is ideal for typical commercial & enterprise environments, such as server rooms. A 1,200+ ft. range readily covers most facilities.

CC-battery powered: Compact sensor is great for space-restricted areas such as control cabinets or cold storage.

Industrial: Sensor's weatherproof, NEMA-rated enclosure withstands demanding indoor/outdoor use, e.g., warehouses & production facilities.

PoE•X: Power over Ethernet sensors integrate with a building's PoE network; it can also be used with a standard Ethernet infrastructure & powered via an optional AC adapter.

Smart Sensor Features & Benefits

Features

- 1200+ ft. Range
- Up to 12 Years of Battery Life
- Automated Data Logging

Benefits

- Unbeatable Range Eases Networking
- Dependable, Worry-free Operation
- Streamlined Compliance & Data Analysis

Call us today at (770) 855-3328 for more information. Alegna's Team Is At Your Service!