IntelliSensor™ for Temperature/Digital
(TempNTC-22ZB)

PRODUCT DESCRIPTION

The IntelliSensor™ is a cost effective, wireless monitoring system operating on the 802.15.4 ZigBee® standard for storing and communicating temperature and door status information, among other features. Sensors transmit data wirelessly to the IntelliGate™. The IntelliGate™ unit temporarily stores and processes all of the data from the IntelliSensor™ units and relays the received data over Ethernet to the FusionLive™ software, allowing for an easy creation of a centrally managed monitoring application.

SYSTEM FEATURES

- Battery powered wireless solution operates via ZigBee®
- Temperature and digital output readings (NO/NC)
- Multiple input combinations available in single package (1 to 4 input modules)
- Completely wireless (No need for power or data cables)
- Battery lasts 3-5 years
- Strongest wireless transmitter on the market
- Supports meshed networking for increased reliability and range
- Sensors equipped with data loggers capable of storing up to 2 months-worth of data internally when taking data every 15 minutes
- Completely integrated solution with FusionLive™ Software
- No hardware configuration needed (Sensors automatically join network)
- Firmware can be updated wirelessly (over-the-air)
- User configurable transmission interval (over-the-air)
- Conformal coated board for moisture rich operating environments

SYSTEM SPECIFICATIONS

- Operating temperature of -40 °C to 85 °C
- Operating humidity of 0 to 100 %, non-condensing
- 0.1 °C Temperature resolution
- ± 1 °C Accuracy (± 0.5 °C with calibration)

NAFEM® DATA PROTOCOL C O M P L I A N T

FDA

The Joint Commission

HACCP

USDA