

# LN Series Sensors

## Description

The LN Series analog wall sensor family is specifically designed to interface with fan coil, heat pump, roof top, and other terminal unit building automation controls. The units provide precise indoor local temperature sensing. Local setpoint adjustment with various scales is available as well.

## Features

- durable hardware — features robust ABS resin casing and allows easy connection
- status Light-Emitting Diode (LED) — features an externally powered 24 VAC/VDC for occupied/unoccupied system status
- tenant override button — provides an embossed membrane momentary open switch which acts as a local override button to current system status and operates in parallel with the temperature sensor



LN Series Sensor

## Selection Chart

### LN Series Sensors

Code Number	Description
LN-SENSOR-0	Room sensor, no setpoint
LN-SENSLO-0	Room sensor with LED and override push button
LN-SENOCW-0	Room sensor with LED, override push button, and setpoint adjustment (cool/warm)
LN-SENOSC-0	Room sensor with LED, override push button, and setpoint adjustment (°C)
LN-SENOSF-0	Room sensor with LED, override push button, and setpoint adjustment (°F)
LN-SENAV1-0	Room sensor containing four thermistors. Jumper configurable for averaging up to a maximum of four sensors connected in parallel. No setpoint.
LN-SENAV2-0	Room sensor containing four thermistors. Jumper configurable for averaging up to a maximum of four sensors connected in parallel. With LED and override push button. No setpoint.

## Technical Specifications

<b>Product</b>	LN Series Sensors (LN-SENxxx-0)
<b>Environmental</b>	Operating Temperature: -20°C to 50°C (-4°F to 122°F) Storage Temperature: -40°C to 80°C (-40°F to 176°F) Relative Humidity: 0 to 95% noncondensing
<b>Functionality</b>	Local 10 K ohms direct acting setpoint potentiometer, 20% tolerance across the range
<b>General</b>	Sensor: Local 10 K NTC thermistor 5% precision LONWorks® Network Configurable Jack: 0.14 inches (3.5 mm) Enclosure: <ul style="list-style-type: none"> <li>• Material: off-white plastic</li> <li>• Dimensions: 4.94 x 3.38 x 1.13 in. (125 x 86 x 29 mm)</li> <li>• Weight: 0.214 lb (0.097 kg)</li> </ul>

  

<b>Product</b>	LN Series <b>Averaging</b> Sensors (LN-SENAVx-0)
<b>Environmental</b>	Operating Temperature: 0°C to 50°C (32°F to 122°F) Storage Temperature: -30°C to 50°C (-22°F to 122°F) Relative Humidity: 0 to 95% noncondensing
<b>Functionality</b>	Local 10 K ohms direct acting setpoint potentiometer, 20% tolerance across the range
<b>General</b>	Sensor: Local 10 K NTC thermistor 5% precision LONWorks® Network Configurable Jack: 0.14 inches (3.5 mm) Enclosure: <ul style="list-style-type: none"> <li>• Material: off-white plastic</li> <li>• Dimensions: 4.94 x 3.38 x 1.13 in. (125 x 86 x 29 mm)</li> <li>• Weight: 0.34 lb (0.154 kg)</li> </ul>