



## Datasheet

# Analog Room Sensor (PL-RS)

## Description

The PL-RS analog temperature sensor is designed to provide precision indoor local temperature and setpoint readings to building controllers. The modern, attractive, low profile enclosure is suitable for classrooms, hotels, executive areas, office spaces and other commercial areas. Mounting hardware is provided for installation on dry wall or a 2" x 4" electrical junction box.

## Features

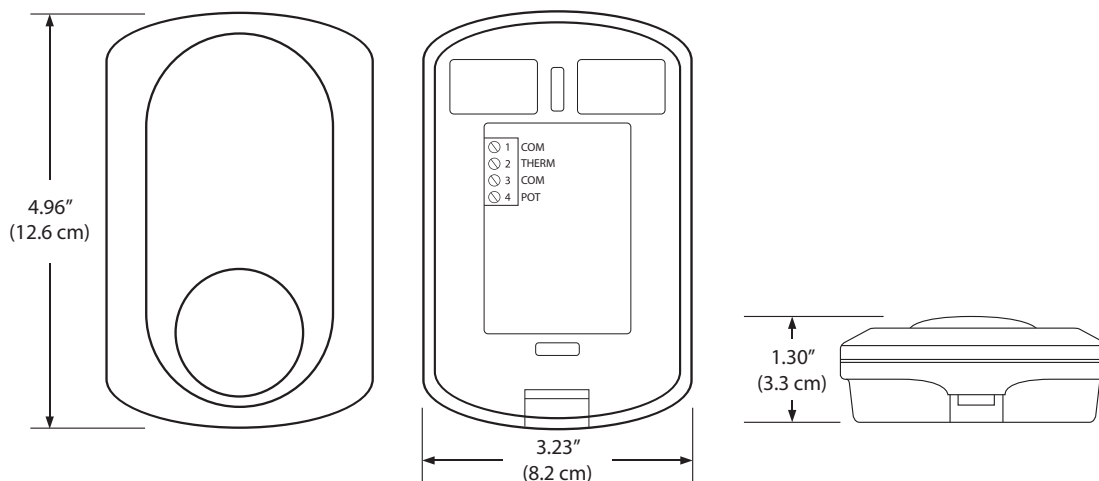
- 10K Type 3 NTC thermistor 1% precision
- Standard 10K setpoint potentiometer
- Embossed momentary pushbutton used to override unoccupied status
- Scales for degrees:

Part Number	Scale
PL-RSC	Celsius
PL-RSF	Fahrenheit
PL-RSA	-/+

## Technical Specifications

- Operating conditions: -4°F to 122°F (-20°C to 50°C) / 0 % to 95 % R.H. non-condensing
- Storage conditions: -40°F to 176°F (-40°C to 80°C) / 0 % to 95 % R.H. non-condensing
- Sensor: Local 10KΩ type 3 NTC thermistor 3% precision
- Setpoint: Local 10 KΩ direct acting setpoint potentiometer +/- 20% tolerance across the range
- Setpoint potentiometer calibrated for 5.5 KΩ at 70 °F (21°C) mark
- Setpoint scale range:
  - Fahrenheit: 59 to 86 °F
  - Celsius: 15 to 30 °C

## Size Chart



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