Low Profile Button Temp Sensor

AUTOMATEDLOGIC
United Technologies
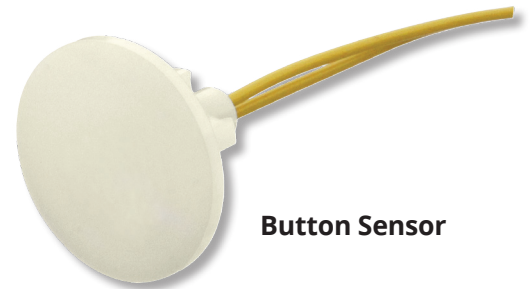
Accessories for HVAC/R

The Automated Logic Low Profile "Button" Sensor is ideal for locations where aesthetics are as important as the temperature measurement. The inconspicuous wall sensor mounts easily by pushing through a 1/2" hole and secured with a peel off tape strip. The only visible portion is a flush 7/8" dot on the wall.

Button Sensor

Features
- Small Flush Sensor Mounting
- Accurate Direct Air Measurement
- Paintable with Latex or Oil Base
- Plenum Rated Wiring

Part Number	Description
NSB-10K-2-LPW-A	White Button Sensor with 5 feet of Plenum Rated Cable

Specifications

Lead Wire: 22 AWG stranded wire

Wire Insulation: Etched Teflon, Plenum rated

Wiring: Two 22 AWG wires (non-polar)

Mounting: 1/2" hole, push in plastic sheath with peel off tape strip.

Dimensions: Plastic Sheath
- Insertion   1.0" depth, into a 7/16" hole
- Sleeve   0.39" Diameter
- Bezel   0.875" Diameter

Enclosure Type: Round Flush Sensor Sheath
- Enclosure ratings: NEMA 1
- Encl. Material: Plastic, UL94

Ambient (Encl.)
- 0 to 100% RH, Non-condensing
- -40ºF to 185ºF, (-40º to 85ºC)

Agency
- RoHS, CE* (Thermistor's <10KΩ)
- PT= DIN43760, IEC Pub 751-1983,
- JIS C1604-1989

10K-2 Thermistor Sensor:
- Resistance: 10 kΩ @ 25°C, -55 to 150°C range
- Standard Accuracy: 0.2°C (±0.36°F) at 0 to 70°C
- Dissipation Constant: 2.7 mW/°C
- Stability(drift): Less than ±0.1°C (0.18°F) drift over 10 years

Adhesive Ring

∅.88in [22.2mm]

.06in [1.6mm]

∅.438in [9mm]

.60in [15.2mm]

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