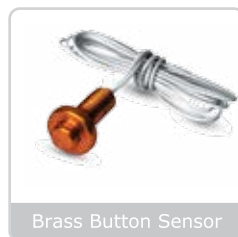
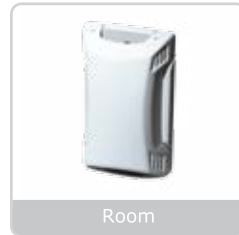


Thermistors I-2252...100K



Thermistors

Wall Mounting

A comprehensive list of wall mounting configurations for Thermistors (see list above) is available. These sensors provide a predictable and accurate output over the specified temperature range. Each sensor configuration is designed and manufactured for long-term quality and performance. The most prominent of the series is the R2 wall mount enclosure which features a sleek and modern design. The I- Button Series is an unobtrusive option for unique applications.

Specifications

Accuracy (0-70°C)	Single Point: +/-0.2°C (+/-0.36°F)	Power Dissipation Constant	3 mW/°C
Stability	+/-0.13°C (+/-0.23°F)	Operating Humidity	10 to 90% RH non-condensing
Interchangeability	+/-0.2°C (+/-0.36°F)	Product Dimensions	Please reference pages 7 & 8
Operating Temperature Range	32 to 122°F (0 to 50°C)		

Ordering

Select one Series (A), one Configuration (B), & one Communication Jack (C). When selecting your Configuration (B) if "R2S", "RS", "RSO" or "R2SO" please choose a Pot Value (D), a Sticker (E) & a Pot Action (F). If "R2S", "RS", "RSO" or "R2SO" is not selected, your Part Number is finished after completing Communication (C). If a Stainless Plate or Button Sensor (1) is desired, please add a Stainless Plate (SP), Brass Button Sensor (BBS), Stainless Button Sensor (SBS), or a Plastic Button Sensor (PBS) to the separate Part Number below.

A Room Senso Series B Configur ation C Communication

- | | | | | | |
|------------------------------|-------------------------------|-------------------------------|---|--|---|
| <input type="radio"/> I-AN | <input type="radio"/> I-20K | <input type="radio"/> I-CSI | <input type="radio"/> R2 (Room) | <input type="radio"/> R (Room) | <input type="radio"/> RJ4 (4 Pin/Conductor) |
| <input type="radio"/> I-CP | <input type="radio"/> I-100KS | <input type="radio"/> I-AN-BC | <input type="radio"/> R2S (Room, Setpoint) | <input type="radio"/> RS (Room, Setpoint) | <input type="radio"/> RJ6 (6 Pin/Conductor) |
| <input type="radio"/> I-3K | <input type="radio"/> I-10KS | <input type="radio"/> I-10KE | <input type="radio"/> R2O (Room, Override) | <input type="radio"/> RO (Room, Override) | <input type="radio"/> RS232 (Stereo Jack) |
| <input type="radio"/> I-1.8K | <input type="radio"/> I-2252 | <input type="radio"/> I-10KE1 | <input type="radio"/> R2SO (Room, Setpoint, Override) | <input type="radio"/> RSO (Room, Setpoint, Override) | <input type="radio"/> ---- (No Jack) |

D Pot Value E Sticke F Pot Action

- | | | | |
|---------------------------|----------------------------|----------------------------------|------------------------------------|
| <input type="radio"/> 400 | <input type="radio"/> 8.5K | <input type="radio"/> Blue/Red | <input type="radio"/> DA (Direct) |
| <input type="radio"/> 1K | <input type="radio"/> 10K | <input type="radio"/> Cool/Warm | <input type="radio"/> RA (Reverse) |
| <input type="radio"/> 2K | <input type="radio"/> 20K | <input type="radio"/> 55 to 85°F | <input type="radio"/> ---- (None) |
| <input type="radio"/> 5K | <input type="radio"/> 100K | <input type="radio"/> 10 to 30°C | |

1 Sensor Se ies 2 Additional Configur ation

- | | | | | | |
|------------------------------|-------------------------------|-------------------------------|---|---|---|
| <input type="radio"/> I-AN | <input type="radio"/> I-20K | <input type="radio"/> I-CSI | <input type="radio"/> SP (Stainless Plate) | <input type="radio"/> BBS (Brass Button Sensor) | <input type="radio"/> PBS (Plastic Button Sensor) |
| <input type="radio"/> I-CP | <input type="radio"/> I-100KS | <input type="radio"/> I-AN-BC | <input type="radio"/> SP-OR (Stainless Plate, Override) | <input type="radio"/> SBS (Stainless Button Sensor) | |
| <input type="radio"/> I-3K | <input type="radio"/> I-10KS | <input type="radio"/> I-10KE | | | |
| <input type="radio"/> I-1.8K | <input type="radio"/> I-2252 | <input type="radio"/> I-10KE1 | | | |

Build your part number

After completing (A), (B), (C), (D), (E) & (F) from the above table, fill in the "Part Number Table" below. (1) is an additional configuration. An "example" part number is offered.

A	B	C	D	E	F
---	---	---	---	---	---

EXAMPLE: I-AN - R2 - RJ6

1	2
---	---

EXAMPLE: I-AN - SP



The R2 & R enclosures have a UL94-HB flammability rating.