DESIGNER ROOM TEMPERATURE SENSOR

TE200A Series

The TE200A series of room temperature sensors incorporates a precision platinum RTD or NTC

thermistor in an attractive wall mount enclosure for the most efficient environmental monitoring and

control systems.

PRODUCT HIGHLIGHTS

* Precision thermistor sensing element or RTD
* Compact form factor
* Mountable directly to wall in any location; screws and/or 2-sided adhesive.
* Light weight
* Insulating foam providing a thermal barrier from wall temperatures
* Two (2) wire pigtail for connection to the Building Automation System
* Customer Branding available

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| DESCRIPTION | ENGINEERING SPEC |
| TEMPERATURE RANGE | 0 to 50°C (32 to 122°F) |
| TEMPERATURE SENSORS | Various Thermistor or RTD – Refer to Sensor table |
| SENSOR ACCURACY | Refer to sensor table |
| WIRING CONNECTION | Pig Tail, 2 or 3 wire |
| ENCLOSURE | White ABS, IP20 (NEMA 1) |
| DIMENSIONS | 57mm W x 28.5mm H x 55.7mm D (2.2” x 2.25” x 1.1”) |
| TERMINATION | Pigtail, 2 or 3 wire |
| COUNTRY OF ORIGIN | Canada |

SPECIFICATIONS

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| DESCRIPTION | ENGINEERING SPEC |
| 2 | 100 Ω Platinum, IEC 751, 385 Alpha, thin film |
| 5 | 1801 Ω NTC Thermistor, ±0.2°C |
| 6 | 3000 Ω NTC Thermistor, ±0.2°C |
| 7 | 10,000 Ω Type 3, NTC Thermistor, ±0.2°C |
| 8 | 2.252K Ω NTC Thermistor, ±0.2°C |
| 12 | 1000 Ω Platinum, IEC 751, 385 Alpha, thin film |
| 13 | 1000 Ω Nickel, Class B, DIN 43760 |
| 14 | 10,000 Ω Type 3, NTC Thermistor, ±0.2°C c/w 11K shunt resistor |
| 20 | 20,000 Ω NTC Thermistor, ±0.2°C |
| 24 | 10,000 Ω Type 2, NTC Thermistor, ±0.2°C |
| 59 | 10,000 Ω @ 25°C, ±1%, B = 3435 ±1% (25/85) |

SENSORS