DESIGNER ROOM TEMPERATURE SENSOR

TE200AD Series

The TE200AD series is an attractive, low profile enclosure that incorporates a precision temperature sensor used to monitor room temperatures. Additional options are available that include setpoint adjustment and manual override.

PRODUCT HIGHLIGHTS

* Precision Thermistor sending element
* Mountable directly to a single gang electrical box or directly to a wall
* Insulating foam providing a thermal barrier from wall temperatures
* Two (2) wire or Three (3) wire pigtail for connection to the Building Automation System
* Models with options such as setpoint adjustment and manual override is complete with a terminal block connection

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| DESCRIPTION | ENGINEERING SPEC |
| OPERATING ENVIRONMENT | 0 to 70°C (32 to 158°F) |
| TEMPERATURE SENSOR | Refer to table |
| SENSOR ACCURACY | Refer to table |
| WIRING CONNECTION | Screw terminal block (14 to 22 AWG) & Pig Tail |
| ENCLOSURE | White ABS, IP20 (NEMA 1) |
| DIMENSIONS | 114.3mm L x 69.85mm W x 31.8mm D (4.5” x 2.75” x 1.25”) |
| TERMINATION | **Sensor Only:** Pigtail 2 or 3 wire  **Sensor with Options:** Terminal Block |
| 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