STAINLESS STEEL SURFACE TEMPERATURE SENSOR

TE200AS Series

The TE200AS series is a single gang, blank stainless-steel wall plate that incorporates precision temperature sensors used to monitor room temperatures where additional security is required. Additional options are available that include manual override.

PRODUCT HIGHLIGHTS

* Tamperproof mounting screws
* Custom ranges – to be specified at time of order
* Precision RTD element
* Insulating foam providing a thermal barrier from wall temperatures
* Two (2) wire or Three (3) connection to the Building Automation System depending on selected options.
* Custom Branding

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| SPECIFICATIONS |  |
| SENSOR TYPE | 100 Ω Platinum, IEC 751, 385 Alpha, thin film  1801 Ω NTC Thermistor, ±0.2°C  3000 Ω NTC Thermistor, ±0.2°C  10,000 Ω Type 3, NTC Thermistor, ±0.2°C  2.252K Ω NTC Thermistor, ±0.2°C  1000 Ω Platinum, IEC 751, 385 Alpha, thin film  1000 Ω Nickel, Class B, DIN 43760  10,000 Ω Type 3, NTC Thermistor, ±0.2°C c/w 11K shunt resistor  20,000 Ω NTC Thermistor, ±0.2°C  10,000 Ω Type 2, NTC Thermistor, ±0.2°C  10,000 Ω @ 25°C, ±1%, B = 3435 ±1% (25/85) |
| TEMPERATURE RANGE | -20 to 60°C (-4 to 140°F) |
| AMBIENT OPERATING RANGE | -20 to 60°C (-4 to 140°F) |
| ENCLOSURE | Stainless Steel - IP50 (NEMA 1) |
| DIMENSIONS | 114.3mm L x 69.85mm W x 4.75mm D (4.5” x 2.75” x 0.1875”) |
| 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 |
| TRANSMITTER OUTPUT SIGNAL | Current 4-20 mA  Voltage 0-5 Vdc  Voltage 0-10 Vdc |
| TRANSMITTER RANGES | 0 to 35°C (32 to 95°F)  0 to 50°C (32 to 122°F)  Custom range, please contact Greystone |

TRANSMITTER OUTPUT SIGNAL