



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

SPECIFICATIONS

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SENSOR TYPE	100 Ω Platinum, IEC 751, 385 Alpha, thin film 1801 Ω NTC Thermistor, $\pm 0.2^{\circ}\text{C}$ 3000 Ω NTC Thermistor, $\pm 0.2^{\circ}\text{C}$ 10,000 Ω Type 3, NTC Thermistor, $\pm 0.2^{\circ}\text{C}$ 2.252K Ω NTC Thermistor, $\pm 0.2^{\circ}\text{C}$ 1000 Ω Platinum, IEC 751, 385 Alpha, thin film 1000 Ω Nickel, Class B, DIN 43760 10,000 Ω Type 3, NTC Thermistor, $\pm 0.2^{\circ}\text{C}$ c/w 11K shunt resistor 20,000 Ω NTC Thermistor, $\pm 0.2^{\circ}\text{C}$ 10,000 Ω Type 2, NTC Thermistor, $\pm 0.2^{\circ}\text{C}$ 10,000 Ω @ 25°C , $\pm 1\%$, B = $3435 \pm 1\%$ (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



TRANSMITTER OUTPUT SIGNAL

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