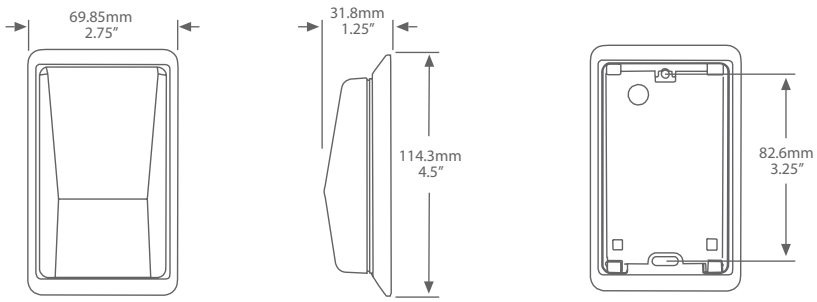
GREYSTONE
ENERGY SYSTEMS INC

DESIGNER ROOM TEMPERATURE SENSOR



TE200AD SERIES

PRODUCT DESCRIPTION

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

TYPICAL INSTALLATION

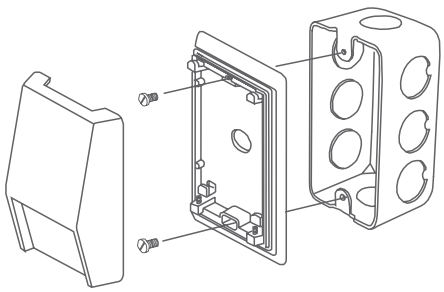
For complete installation and wiring details, please refer to the product installation instructions.

The TE200AD series can be mounted directly to a single gang electrical box or directly to a wall. Insulating foam is adhered to the back of the enclosure to provide a thermal berrier from internal wall temperatures.

For sensor only models a 2 wire or 3 wire pigtail is used for connection to the Building Autmation System. In models with options such as setpoint adjustment and manual override, a terminal block connection is provided.

SPECIFICATIONS

SENSOR TYPE	Various Thermistor or RTD
TEMPERATURE RANGE	0 to 70°C (32 to 158°F)
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



ORDERING

PRODUCT	**TE200AD**	Designer Room Temperature Sensor
SENSOR	**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)
OPTIONS (MULTIPLE SELECTIONS CAN BE MADE)	**AP**	20-30K linear slide pot for set point control (call for other values)
	AS	Concealed push button momentary switch - N.O.
	BS	Exposed push botton momentary switch - N.O.
	LY	Yellow LED
	LR	Red LED
	LG	Green LED
	CJ	3.5mm Phono jeck for remote system access
	AE	External jack for remote system access (4 pin header)
	AI	Internal jack (RJ-45)
	GS	Greystone Cutomized Version (TE200AD*GS***)

PART NUMBER

TE200AD

NOTE: Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

RoHS COMPLIANT

MADE IN CANADA

ISO9001

CE

SETPOINT™ SYSTEMS CORPORATION
Since 1983

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