



GREYSTONE

ACCURACY BY DESIGN

ALL PURPOSE TEMPERATURE SENSOR TE200AP Series

The TE200AP single point temperature sensor utilizes a precision sensor encapsulated in a 6.35 mm (0.25") OD, 304 series stainless steel probe and is available in various lengths (see ordering chart) All probes provide excellent heat transfer, fast response and resistance to moisture penetration. The TE200AP comes with an 1/2" NPT fitting and lock nut and 5' (1.524 m) of cable for connection to the Building Automation System.

SPECIFICATION:

Sensor Type:.....Thermistor or RTD
See Ordering Chart

Temperature Range:..-20 to 105 °C (-4 to 221 °F)
Higher Ranges Available
Contact Greystone

Wire Material:.....PVC insulated, parallel bonded
(Type 2, 100 ohm Platinum uses FT-4)

Wire Length:.....1.52 m (5')

Probe Material:.....304 Series stainless steel

Probe Dimensions:.....0.250" (6.35 mm) Diameter

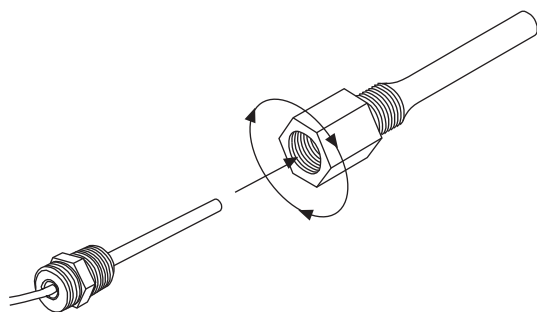
Termination:.....Pigtail 2 or 3 wire

TYPICAL INSTALLATION:

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

NOTE: All immersion sensors require a thermowell (sold separately)

The immersion type probes are installed in the appropriate length thermowell for the pipe size. Thermal conductive compound should be added inside the thermowell to provide optimum thermal transfer.



PART NUMBER SELECTED

PRODUCT SELECTION INFORMATION:

MODEL	Product Description
TE200AP	All Purpose Temperature Sensor

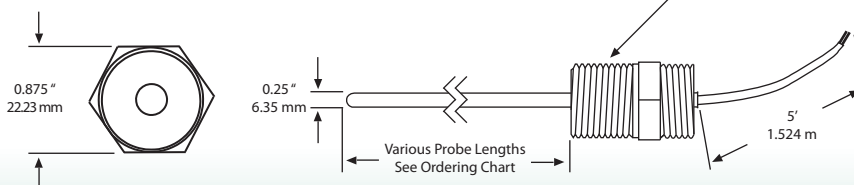
CODE	Sensor
2	PT100-100 Ω Plat. IEC 751, 385 Alpha, thin film
5	1801 Ω, NTC Thermistor, ±0.2 C
6	3000 Ω, NTC Thermistor, ±0.2 C
7	10,000 Ω, Type 3, NTC Thermistor, ±0.2 C
8	2.252K Ω, NTC Thermistor, ±0.2 C
9	100,000 Ω, NTC Thermistor, ±0.2 C
12	PT1000-1000 Ω Platinum, IEC 751, 385 Alpha, thin film
13	1000 Ω Nickel
14	10,000 Ω, Type 3, NTC Thermistor, ±0.2 C c/w 11K shunt resistor
15	PT3000 PTC Platinum, ±0.2 C
20	20,000 Ω, NTC Thermistor, ±0.2 C
24	10,000 Ω, Type 2, NTC Thermistor, ±0.2 C

CODE	Probe Length
A2	50 mm (2")
B2	100 mm (4")
C2	150 mm (6")
D2	200 mm (8")
E2	300 mm (12")
F2	450 mm (18")

TE200AP 7 B2

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

Dimensions:



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