

SPECIFICATIONS

T-200A



T-200A Platinum 100 Ohm (PT100)

OPERATING CHARACTERISTICS

Range

Temperature: -50° to +50° C (-58 to 122° F)
Optional Calibrations: -50°C to +70°C or -40°C to +50°C

Performance

Sensitivity: Alpha 0.00385 +/- 0.00002 Ohm/ohm/deg C
Nominal Resistance: 100 ohm +/- 0.1 ohm resistance (Ro)

Time constant: 45 sec, approx. in moving air

Accuracy: +/- 0.1°C

Configuration: 4 Wire Connection

Power Requirements: none

Operation

Installation: Wind Aspirated Shield 5980* / 073B* Cable 400020
Motor Aspirated Shield 076B Cable 2144
Motor Aspirated Shield 077 Cable 2408

* Special Adapter Plate Required

PHYSICAL CHARACTERISTICS

Size: 106 mm lg x 6 mm dia. (6.0 in x 0.25 in)

Shipping Data: Weight 1 kg (2.2 lb.), approx.
Volume 0.006 m³ (0.2 ft³),

Note: The T-200A Air Temperature Probe is supplied with an NBS Traceable Calibration Certificate.



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