



INTERNAL SENSORS

- **Ambient Temperature**

Range: -40°C to $+70^{\circ}\text{C}$

Accuracy at 25°C : $\pm 1.4^{\circ}\text{C}$

Accuracy over Full Range: $\pm 2.1\% \text{FS}$

Measurement Resolution: 0.21°C

EXTERNAL SENSORS

- **RTD**

Input type: 100-ohm platinum RTD, $\alpha = 0.00385$

Source Current: $200 \mu\text{A}$

Temperature Range: -200°C to $+600^{\circ}\text{C}$

Measurement Resolution: 0.82°C

Accuracy over full range: $\pm 0.32\% \text{FS}$

Accuracy at 25°C : $\pm 0.21^{\circ}\text{C}$

- **Contact Closure/Digital Input**

High Level Input Level (absolute maximum): 10V

High Level Input Level (minimum): 2.4V

Low Level Input (maximum): 0.5V

Input Impedance (input voltage $< 3.3\text{V}$, contact closure): $100 \text{K}\Omega$

Input Impedance (input voltage $> 3.3\text{V}$): $3.3\text{K}\Omega$

Minimum Pulse Width/Contact Closure Time: 12.5ms

GENERAL SPECS

- **Physical Size**

3.5 in x 3.25 in x 2 in.

Weighs 8 oz.

- **Time Stamp**

Resolution: 1 second

Accuracy: ± 1 seconds

- **Power Options**

5V DC input power supply (provided)

And/or

(3) AA Batteries (with low battery alarm)

- **Mounting Options**

Wall, pipe, or DIN rail (w/adaptor)

The Model A1-06 RTD Wireless Sensor Pod is a component of the Accsense Remote Sensing System, which utilizes a variety of wireless Sensor Pods to take virtually any type of physical measurement and transmit it to a secure, web-based environment where different software tools may be used to store, manage, and interpret the data. For more information, visit www.accsense.com

