

Temperature Sensor PT100-NCTS6

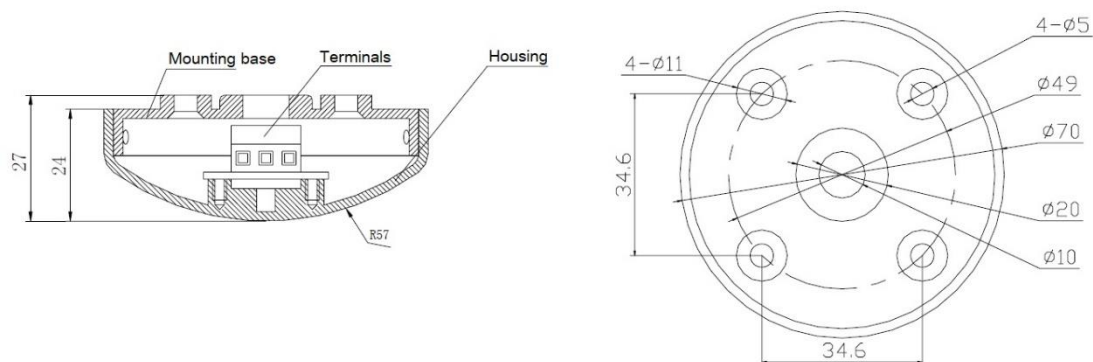
The PT100-NCTS6 employs a high-quality imported platinum resistance element with an R_0 drift of $\leq 0.04\%$ (500°C, 1000hrs), ensuring excellent performance and long-term reliability. It is widely used in various temperature measurement and control applications.

Parameters

Operating Parameters

- Temperature Coefficient (TCR): 3850ppm/K
- Operating Temperature: $-50^{\circ}\text{C} \sim +250^{\circ}\text{C}$
- Accuracy: $\pm 0.15^{\circ}\text{C}$
- Insulation Resistance: $\geq 100\text{M}\Omega$
- Self-heating Coefficient: $< 0.4\text{K/mW}$
- Response Time: $\leq 3\text{s}$
- Standard Compliance: DIN EN 60751

Outline & Interface



- Wiring Configuration: 3-wire system