

YSI PRECISION THERMISTOR

YSI 44006

BV58

RESISTANCE 10,000 OHMS @25°C

Interchangeability: $\pm 0.2^{\circ}\text{C}$ (See Tolerance Curves).

Max. Operating Temp: 150°C (300°F).

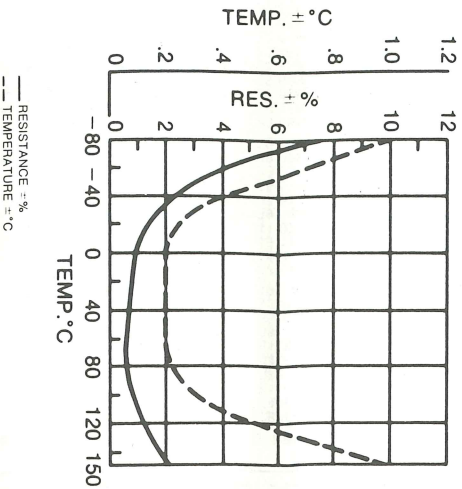
Time Constant, Max: 1 sec. in well stirred oil, 10 sec. in still air. Time constant is the time required for a thermistor to indicate 63% of a newly impressed temperature.

Dissipation Constant, Min: $8\text{mW}/^{\circ}\text{C}$ in well stirred oil, $1\text{mW}/^{\circ}\text{C}$ in still air. Dissipation constant is the power in milliwatts to raise a thermistor 1°C above surrounding temperature.

Color Code: Black epoxy body, blue end.

Storage Temperature: -80° to $+120^{\circ}\text{C}$ (-112° to $+250^{\circ}\text{F}$).

Tolerance Curves: The following curves indicate conformance to standard resistance temperature values as a % of resistance, and as a maximum interchangeability error expressed as temperature.



WARNING

Use heat sinks when soldering or welding to thermistor leads.

