



Fast Time Response Brass Sensor with Flying Leads



Current Application:

Presently used in an outboard marine engine to sense engine oil temperature, coolant water temperature and also inlet air temperature. It was chosen over a plastic probe design because of its faster response time and it minimized the risk of cross threading the probe into the engine.

Electrical information:

- 10,000 ohm nominal at 25°C. Beta (25/85) = 3977K nominal
- Response time from air to a stirred liquid is 3.5 seconds
- Temperature range is -40°C to 180°C
- Optional resistances and betas available

Physical information:

- Probe housing is brass
- Moisture resistance construction
- Lead pull on both leads exceeds 20 lbs.
- PVC protective sleeve over the wire
- Rugged design to survive automotive, motor cycle and outboard marine engine applications

Potential Markets:

- Outboard Marine Engine manufactures
- Automotive Engines
- Motor Cycle Engines and other small gas engine manufactures
- HVAC chiller and boiler manufactures
- Any application where a moisture resistance threaded probe is needed

No tooling PN : GE-1711

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