



FRP1 – Fast Response Temperature Sensor

Our FRP1 sensor has been especially designed with the NTC thermistor in the tip of the sensor giving the fastest possible response time.

The sensor has a 2.1mm dia tip in a 316 stainless housing with a brass mounting collar. This fast response NTC thermistor probe is ideal for hot water temperature sensing.

Applications

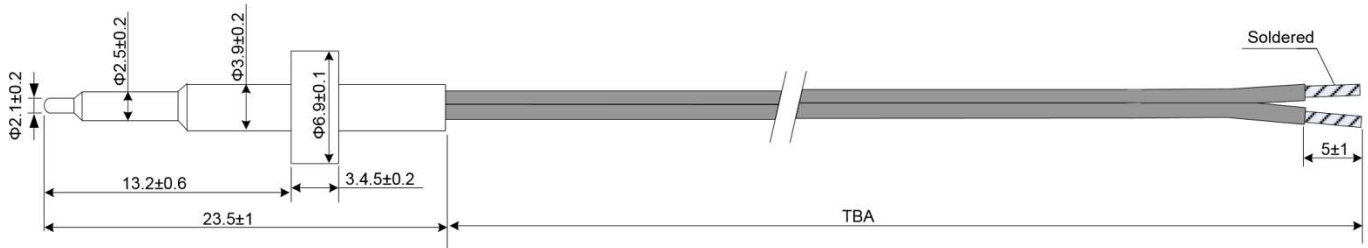
- Instant water heaters
- Domestic showers
- Heating and air conditioning systems
- Medical appliances

Features

- Fast response design ($T_c \leq 1s$)
- Accuracy possible to $\pm 0.2K$ (0-70°C)
- Interchangeability between NTCs
- Excellent long-term stability
- Operating range up to +150°C possible



Dimensions



NTC Thermistor Series	ET, NT, SP
Temperature Range	-50°C/+150°C depending on NTC
Sensor Accuracy	R25±3% as standard, $\pm 0.2K$ (0-70°C) available
Sensor Material	316 stainless steel
Connectors	Lumberg 2.5 MSF, Tyco Modu, etc

Options

Customised versions available, please contact us with your requirements

For further information please contact us at sales@atcsemitec.co.uk