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 (Tc ≤ 1s)
- Accuracy possible to ±0.2K (0-70°C)
- Interchangeability between NTCs
- Excellent long-term stability
- Operating range up to +150°C possible

**Dimensions**

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

**Options**

Customised versions available, please contact us with your requirements

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