Flow-Through Temperature Sensors

Thermometrics Inline Flow-Through Temperature Sensors monitor the temperature of a fluid that passes through it where a system control module receives this temperature reading and uses a control loop to control the overall system temperature. This could be engine temperature, heater temperature, industrial supply temperature, etc.

In addition to our existing range of Flow-Through Temperature Sensors, Thermometrics is introducing an additional configuration - CTTS-302651-F01 - that employs barbed sensor tubes for securing the mating pipe to the sensor.

Features
- Operating Temperature Range: -40°C ~ 120°C
- R @ 25°C: 10KΩ±1.5%
- Housing Material: Polyamide 6/6
- USCAR sealed connection system
- Response Time: <15 seconds in flowing water
- Alternate RvT curves available upon request
- Designed for mating with polyamide tube with 14mm ID

Applications
- EV/HEV Battery Pack Coolant Line Temperature
- Industrial Process Flow Measurement
- Engine Coolant Temperature
- HVAC Water Management
- Home Appliances

Ordering Options

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE-2102</td>
<td>0.50 in. (12.70 mm)</td>
</tr>
<tr>
<td>GE-1935</td>
<td>0.75 in. (19.05 mm)</td>
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<tr>
<td>GE-2103</td>
<td>1.25 in. (31.75 mm)</td>
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<tr>
<td>CTTS-302651-F01</td>
<td>0.55 in. (14.00 mm)</td>
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</tbody>
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