Thermometrics JS8741 Integrated Pipe Clip Surface Temperature Sensor monitors the temperature of a fluid that passes through a pipe or tubing circulation system. A system control module receives this temperature reading and uses a control loop to control the overall system temperature.

Features

- Easy-mount spring clip of galvanized spring steel
- High sensitivity
- Compact design
- Connector Position Assurance (CPA)
- VW75174 approved connector system
- IP57 Ingression Protection Rating
- Operating Temperature: -40°C to +85°C
- Suitable for Pipe Diameters: 15mm to 18mm
- Amphenol FEP Connector - 428 313 000

Applications

- Engine Coolant Temperature
- Battery Pack Coolant Line Temperature
- HVAC Water and Refrigeration
- Home Appliances
- Industrial Process Flow Management

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Resistance @ 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>JS8741A</td>
<td>2.7 kΩ ±5%</td>
</tr>
<tr>
<td>JS8741B</td>
<td>10.0 kΩ ±5%</td>
</tr>
<tr>
<td>JS8741C</td>
<td>30.0 kΩ ±5%</td>
</tr>
</tbody>
</table>

Tested to ISO 16750 for electrical / mechanical / vibration and climatic loading. Contact Amphenol Advanced Sensors for details.