THERMO KING

The Genuine Advantage

EDGESHEET

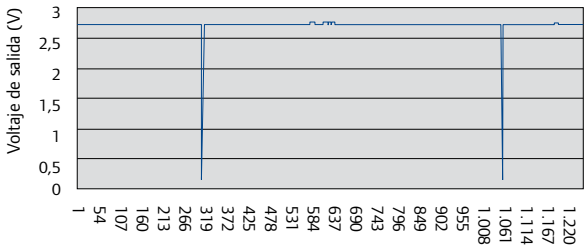
Thermo King Unit Coolant and Air Temperature Sensors

Prior to introduction, Thermo King electrical components go through rigorous testing in equipment designed to push the component to its limits and solve any issues BEFORE the part is put into a Thermo King unit, ensuring:

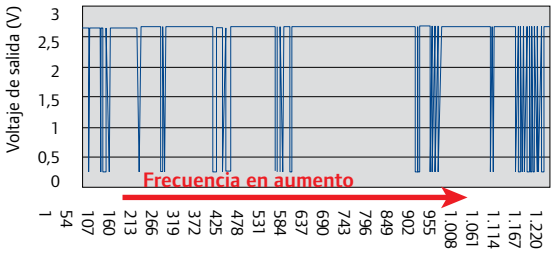
- Consistent Quality – To ensure highly accurate readings.
- Durable Construction – Built with high-quality materials and tested to Thermo King's environmental standards.

Thermo King Edge: Ferrite design

Thermo King sensors include a ferrite design to ensure false alarms are not a problem.
ADVANTAGE: Less false alarms mean less down time.



Thermo King sensor



Competitive sensor

Ferrite design = improved accuracy = less false alarms = increased uptime

Thermo King Edge: Highly accurate design and testing

Reliability and accuracy are key, and each component is given significant attention to ensure only the highest quality electrical parts are given the Thermo King name.

- Designed to achieve accuracy to -18 degrees Celcius
- Redundant sensors with sensor to sensor matching to ensure accuracy
- Consistent Quality, Continuous Testing
- Examples: - Liquid to Liquid Immersion Testing - Humidity & Vibration Testing

Thermo King Edge: High quality materials and construction

Thermo King sensors are designed to include:

- Shock absorption materials, to minimise vibration and road bumps
- Durable, no-solder banding and crimping process to eliminate cold and broken solder joints

Thermo King Edge: Automated manufacturing process

An automated manufacturing process ensures consistent, high quality sensors.

- Hybrid Sealing Methods – electronic circuits clean and dry
- Grading Process – automated, controlled grading process with unique equipment designed to grade and label sensors, decreasing manual failures and ensuring a consistent product
- Manufacturing process designed to ensure the time response between redundant sensors matches, with fewer bad sensor alarms triggered

For further information
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TRANE TECHNOLOGIES

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