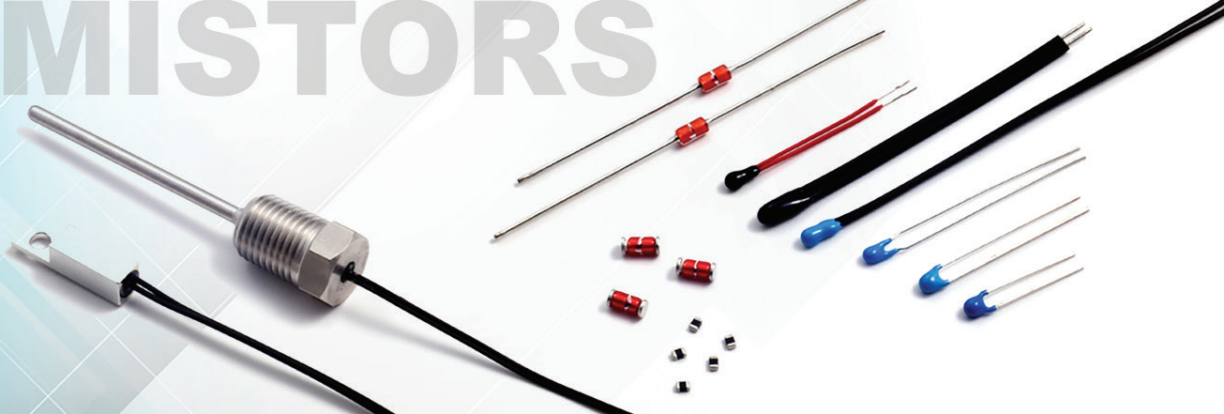


THERMISTORS



Glass Body Thermistor Sensors

EI Sensor Technologies offers a wide range of glass-encapsulated thermistors for precision temperature measurement and control in the most demanding environments. Our glass body thermistors are known for their exceptional stability, durability, very low cost, and excellent precision, making them ideal for applications that require consistent performance over extended periods of time. These sensors can withstand extreme temperatures, moisture, and harsh conditions, thereby providing reliable solutions across various industries such as HVAC, medical devices, and industrial equipment.

With decades of experience in temperature sensing technology, EI Sensor ensures that each glass body thermistor meets the highest quality and performance standards. Whether you need standard discrete components or custom-designed thermistor probe assemblies, we are committed to delivering innovative temperature-sensing solutions tailored to your specific needs.

Uses & Applications

Glass thermistors from EI Sensor Technologies are designed to perform reliably in environments where high accuracy and stability are crucial. These sensors are widely used in applications requiring precise temperature measurement and control, such as:

- **HVAC Systems:** For monitoring and regulating air conditioning and heating systems.
- **Medical Devices:** Ideal for patient monitoring equipment and diagnostic tools.
- **Industrial Equipment:** Ensures precise temperature regulation in machinery and processes.
- **Appliances:** Commonly used in ovens, refrigerators, and other household appliances for accurate temperature measurement and control.
- **Food Handling & Processing:** Ensures safe and precise temperature management in food storage and processing environments.

Their moisture-resistant hermetically sealed glass encapsulation makes them suitable for use in harsh conditions, providing reliable performance where other sensors may fail.

Features

EI Sensor's glass thermistors are designed to meet the most demanding requirements for precision and durability. Key features include:

- **Wide Temperature Range:** Operates reliably from -55°C to $+300^{\circ}\text{C}$, making them suitable for a variety of challenging environments.
- **High Stability:** Offers exceptional long-term stability, ensuring consistent accuracy over extended periods of use.
- **Moisture Resistant:** Glass encapsulation helps protect the thermistor from moisture and environmental contaminants.
- **Fast Response Time:** Designed to detect temperature changes quickly for critical applications.
- **Custom Solutions Available:** We offer custom configurations to meet specific application needs, ensuring your sensor performs optimally in your unique environment.

With these features, EI Sensor's glass body thermistors deliver top performance in a variety of industries.

Ready to Find the Perfect Glass Thermistor Solution?

Whether you need a standard glass thermistor or a custom design tailored to your unique application, EI Sensor Technologies is here to help. Contact us today to discuss your temperature sensing needs or request a quote. Let's work together to create reliable, high-performance solutions that make your job easier.



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