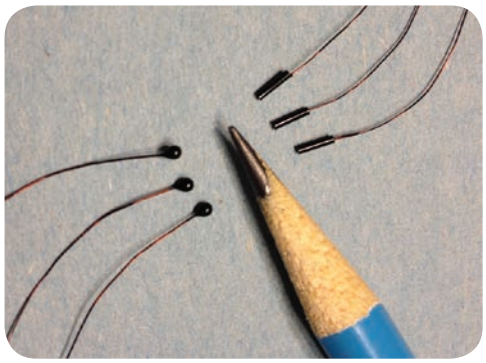
THERMOMETRICS
A COMMITMENT TO EXCELLENCE

# Application Spotlight

## Predictive Thermometry

### Applications

Predictive thermometry is a highly accurate, repeatable, fast responding temperature reading method for patients of all age groups in a clinical setting. Traditional glass bulb thermometers take approximately 3 minutes to reach equilibrium with a patient's body temperature. A predictive thermometer will quickly analyze temperature data gathered from a NTC thermistor, providing an accurate reading in 4 to 10 seconds. Amphenol Advanced Sensors' part in this important application is providing highly accurate and robust assemblies using NTC thermistor technology for temperature measurement.



### How do we help?

Amphenol Advanced Sensors carries an extensive line of MA, MC, and SC style interchangeable NTC chip thermistors. The NTC thermistors are designed in small packages for a rapid response, while maintaining superior accuracy. Amphenol Advanced Sensors can incorporate these NTC thermistors into customer specific designs, providing a robust construction ensuring long life in harsh clinical environments. This combination allows the thermometer to achieve an accurate body temperature in just a few seconds delivering timely diagnostic information.

### What makes us better?

In addition to our catalog offerings, Amphenol Advanced Sensors prides itself in our ability to customize a unique solution for each customer. Our attention to thermodynamic properties in the assembly design is critical for matching a customer's measurement protocol. Whether providing a NTC thermistor, sub-assembly, or fully completed device, our team is ready to partner with you.

Medical Disclaimer "You are hereby advised that Amphenol Advanced Sensors has not performed any biocompatibility or clinical testing of these products. The responsibility to ensure that all products comply with all applicable federal, state, and local laws lies with the OEM manufacturer or user."

**Amphenol**
**Advanced Sensors**

www.amphenol-sensors.com



AAS-930-220A - 10/2018