



# Application Spotlight

## Monitoring Esophageal Temperature

### Applications

Monitoring esophageal temperature is a critical aspect of cardiac ablation. Cardiac ablation is a procedure to correct heart rhythm problems by delivering heat (or extreme cold) to scar or destroy the tissue causing the abnormal rhythm. During treatment, the esophagus can absorb heat leading to injury. Monitoring both hot and cold temperature changes in the esophagus during this procedure allows for better clinical decisions. 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 AB and MA style NTC thermistor sub-assemblies. The NTC thermistors are housed in small, controlled diameter tips, providing a small profile for tight spaces and excellent point isolation of measurement. Various diameter and lead length offerings allow customers to incorporate our sub-assemblies into many different lumen sizes. The thermistor provides fast and accurate temperature information to the OEM monitor, aiding the critical decision making of the health care professional.

### 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. Whether superior resistance stability, a small diameter, fast response, or all the above are critical for your design, **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."

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