



Application Spotlight

Temperature Sensing in Medical Devices

Medical applications demand the ultimate in accurate and reliable monitoring of critical temperature measurement.

From the Amphenol Advanced Sensors family of brands, Thermometrics, Inc., designs and manufactures an extensive line of NTC thermistors and non-contact infrared (IR) based temperature sensors for this vital market.

In addition to our standard product offerings, Amphenol Advanced Sensors prides itself in our ability to customize a unique solution for each customer's application needs.

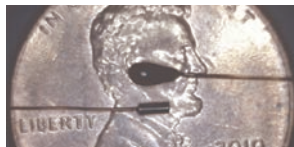
Whether superior resistance stability, tight temperature accuracy, small diameter, fast response, or all the above are critical for your design, our team is ready to partner with you.



Application Offerings

Cardiac Care

Small diameter chip-in-glass or glass bead thermistor assemblies for thermodilation catheters and continuous cardiac output systems.



[Type AB](#)

Respiratory Care

Glass diode or epoxy-coated chip thermistors for temperature monitoring of ventilator flow tubes and humidifiers.



[Type Glass Diode](#) / [Type 95](#) / [Type CR1](#)

Skin Surface

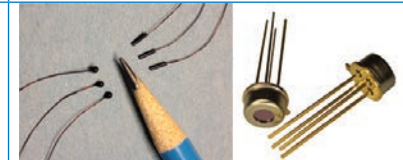
Interchangeable thermistor assemblies with temperature accuracy of $\pm 0.05^{\circ}\text{C}$ @ 37°C for continuous patient monitoring and neonatal incubator systems.



[Type MA](#)

Thermometry

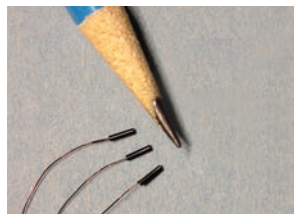
Interchangeable thermistors and IR sensors for oral, rectal, tympanic, and auxiliary temperature measurements for predictive, clinical, or home thermometers.



[Type 65](#) / [Type SC](#) / [Type ZTP](#)

Dialysis

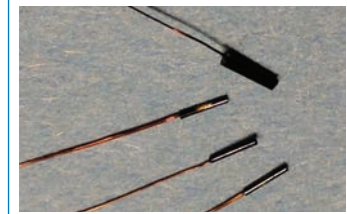
Small interchangeable thermistors for assembly into metal housings used to monitor fluid temperature during dialysis.



[Type SC](#) / [Type MA](#)

Surgical

Miniature chip-in-glass or sleeved chip thermistors with fine diameter wires for insertion into hypodermic needles for myocardial surgeries and external attachment to metal lumens used during laser surgery.



[Type SC](#) / [Type MA](#) / [Type A040](#)

Amphenol
Advanced Sensors

www.amphenol-sensors.com

© 2020 Amphenol Corporation. All Rights Reserved. Specifications are subject to change without notice. Other company names and product names used in this document are the registered trademarks or trademarks of their respective owners.