THERMOMETRICS
A COMMITMENT TO EXCELLENCE

Application Spotlight

Neonatal Skin Surface

Applications

Neonatal incubators and warmers are microenvironment systems delivering superior thermoregulation of premature babies. They provide exceptional healing environments for neonatal intensive care patients through sophisticated measurement of temperature, protection from cold, and maintaining high air humidity. 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 MA100 and MA300 type interchangeable NTC chip thermistor assemblies. The NTC chip is protected in a plastic cap or metal disk, which will be secured directly to the newborn's skin by a reflective adhesive patch. Designed with ultimate thermal transfer in mind, the thermistor changes resistance with the change in skin temperature of the patient. The thermistor assembly feeds this information back to the OEM controller allowing the critical measurement of temperature to be continuously monitored.

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 it is terminating to a custom plug that will directly interface with an OEM incubator or warmer like our A341 series, or adding a superior cable construction for maximizing the robustness of a re-usable design like our A468 series, 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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