

Sensing the Temperature of Global Excellence - The Tiny AB6

Willow Technologies Limited (www.willow.co.uk)

introduces an **excellent ultra-miniature thermistor healthcare solution** from GE, for applications requiring **fast response in confined spaces and absolute ease of insertion**. The AB6 is the latest **in packaged tiny chip technology**.



The AB6 chip-in-glass solution is ideal where a small thermistor is required to have long leads for insertion into deep wells and cavities, or threading into long tubes. The assembly is **well suited for insertion into catheter lumens, hypodermic needles and other small housings requiring extended leads**. The solution can also be used for temperature measurements in airflow, blood analysis, cranial insertion and even military aerospace applications.

Ranging to just **0.35mm in diameter**, the tiny AB6 Thermistor Temperature Sensor range is offered complete with **fine diameter platinum alloy leads down to 0.02mm in diameter**.

A number of NTC chips configurations are available for use in the AB6 Thermistor assembly; for thermo-dilution & ablation catheters, these are typically 14K Ω and have tolerances of $\pm 15\%$ down to $\pm 0.5\%$ at 37°C.

Additional catheter type assemblies are also available upon customer request. For further information on the AB6 please contact Martin Pearce, Marketing Director at Willow Technologies on 01342 717102. The ultra-small size, long term stability, great response and accuracy of the AB6 are all key to improving professional patient care.

Editor Information

Founded in 1989, Willow Technologies is located in Copthorne, West Sussex in the UK. We provide electronic solutions to customers by designing, manufacturing and supplying components and systems globally to the electrical and electronic marketplace. Specialists in switching, sensing, resistive and hermetic seal solutions we have a wide portfolio of sensing technologies and over 60 years of application experience. Our in-house engineering capability and rapid prototyping facility for custom parts enable us to develop products to match specific application requirements. Willow is ISO9001:2000 registered.

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