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RE: Digital Temperature Sensor Calibration & Certification

We periodically receive requests for certificates of calibration of our temperature sensor products. The same temperature sensor components are used within Room Alert monitors, as well as Digital Temperature Sensors, Digital Temp & Humidity Sensors, Digital Temperature & Analog Sensors, Digital Outdoor Temp Sensors and Digital Fluid Temp Sensors.

Our temperature sensor component supplier, Maxim Integrated, calibrates and tests 100% of the components provided to AVTECH against a NIST traceable standard. However, AVTECH does not offer calibration certificates for any of our temperature sensors. Certification to the NIST standard requires an unbroken chain of certificates from the sensor being certified to the official standard at NIST. AVTECH is not a certified calibration lab and therefore cannot offer a formal certificate to NIST standards.

Digital sensors do not require or support calibration in the field, so do not require recalibration at any point during their lifecycle. The initial calibration is performed by the component supplier in the factory, and no further recalibration of the physical sensor is necessary. If optional field certifications determine that a sensor is no longer operating within desired specification, sensor replacement is recommended although rarely required.

AVTECH stands behind the specifications outlined in our product brochures and the information published on our website. We also offer customers a standard warranty against manufacturing defects. However, if your application requires an official certificate of calibration to NIST standards, your final installation should be certified by an accredited independent lab.

Regards,

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