

Aerospace & Defense

6001 Series

Engineering Information:

- Robust thread design for simple and reliable sensor installation
- Moisture resistant
- Typical Wire Sizes #22-28 AWG
- Housing material options: stainless steel, brass, titanium
- Straight thread option with or without O-rings
- Sensor housing is completely customizable to meet OEM mounting, connection and performance requirements
- Choose from the following sensing elements: NTC Thermistor (10K, 12K and others), PT100 or PT1000 RTD, or Thermal Switch
- Fast thermal time response to maximize system efficiency
- RoHS compliant options available



Applications:

- Precision air flow/ liquid temperature measurement

Series Information:

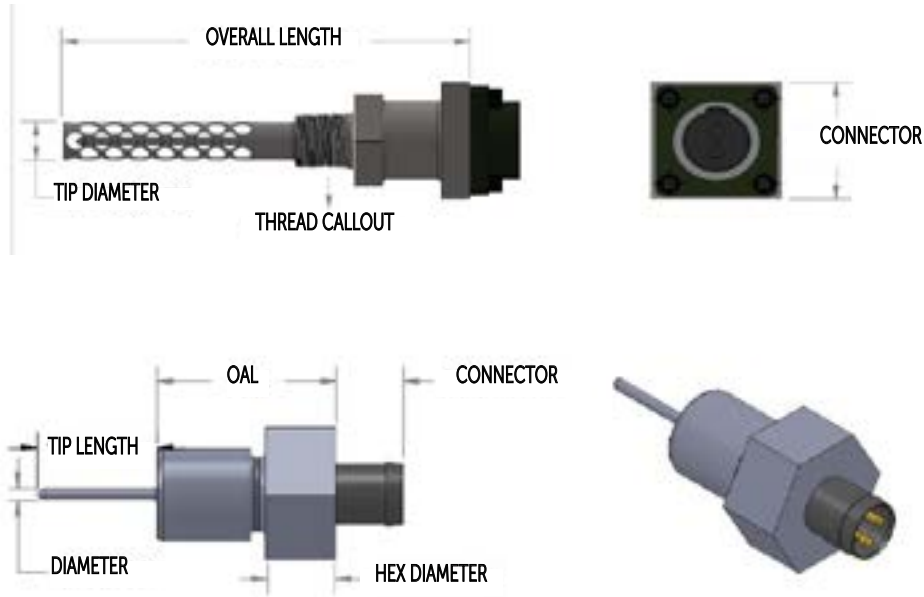
The 6001 Aerospace and Defense Series is QTI's sensor line for use in a wide variety of precise liquid immersion and/or air flow applications. These threaded temperature sensors are designed for the most rigorous applications and can be completely customized to meet OEM requirements for probe length, cable length, housing material, sensor type, and connector type.

Aerospace and Defense Overview:

QTI maintains an extensive test laboratory, designed with defense and aerospace customers in mind. This test lab is ISO 9001:2008 and AS9100 Revision B certified. We are qualified to perform all tests dictated by the Department of Defense, Defense Logistics Agency MIL-PRF-23648, and MIL-PRF-32192 specifications. In addition we have the facilities to perform many of the tests specified in MIL-STD-202, MIL-STD-883, NASA Goddard S-311-P-18 and S-311-P-827, EEE-INST-002, TOR-2006, ESA 4006, and MIL-PRF-38534 Class K and H Element Evaluation tests.

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6001 Series Specifications



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QTI is the unparalleled leader in world-class temperature sensing technology with over for 40 years of proven expertise for the most demanding customers in the world. We custom-engineer the industry's most reliable temperature sensors for mission-critical applications. As a true business partner, we deliver beyond the products we make as we relentlessly pursue excellence in everything we do.

Contact us to discuss your temperature sensing needs today.