

HVAC & Refrigeration

6005 Series Sensors

Engineering Information:

- Choose from the following sensing elements: RTD, NTC thermistor, or thermocouple
- Standard diameter size: 0.040" - 0.250"
- Typical wire sizes: #22-32 AWG
- Housing material options: stainless steel, brass, titanium, Inconel, Hastelloy
- Moisture resistant
- Termination type, cable length, housing style, and wire style can all be customized
- Available in multiple thermistor accuracies and values
- RoHS compliant options available



Applications:

- Mechanical equipment rooms
- Temperature measurement on the surface of ducts, pipes and tanks
- Industrial process control
- District heating and cooling

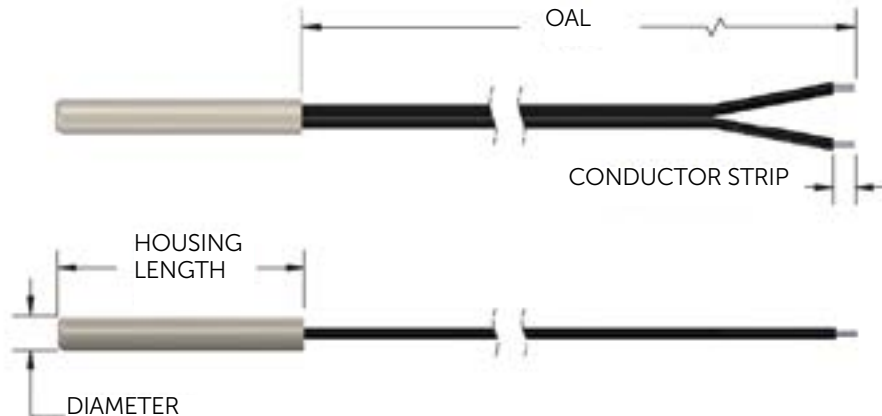
Series Information:

The 6005 HVAC/R Series is a versatile general-purpose sensor for temperature measurement of gas, air or liquid in HVAC and refrigeration situations. QTI is able to customize these assemblies with an NTC thermistor, RTD or thermocouple sensing element. Housing material and size can also be specified. These sensors are usually secured to a pipe or duct in an HVAC system using clips or cable ties to accurately measure the surface temperature of these elements.

QTI can customize these sensors in a variety of ways. Sensor resistance values and accuracy, as well as cable length and color are all able to be specified.

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6005 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.