



QTSSP Waterproof Swage Sensor

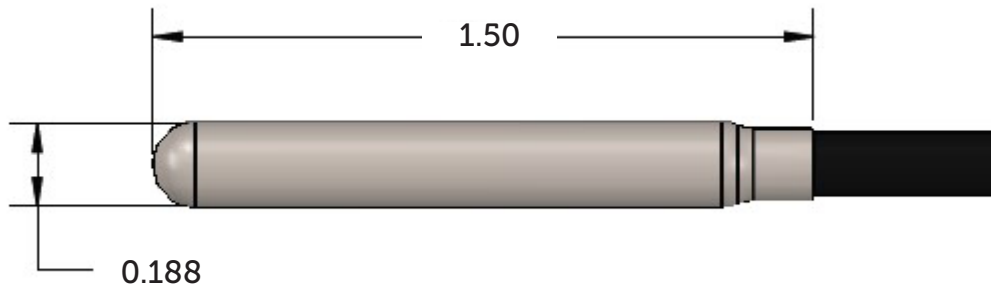
The durable QTSSP waterproof swaged probe is an ideal temperature sensor for the harsh environments found in a variety of applications, such as HVAC, Refrigeration and Food Service. These applications often see dramatic temperature swings and large amounts of moisture that, over time, can cause temperature sensors to fail. The QTSSP sensor's design overcomes these challenges through a swaged end that provides strain relief and water resistance. Additionally, the sensor's metal housing gives it fast thermal response time.

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

Features:

- Robust sensor for a range of applications
- Swaged end provides cable strain relief and improves moisture resistance
- QTI-manufactured thermistor provides unrivaled accuracy, stability and reliability
- Optional clip mount for easy installation
- Ideal for industrial applications where response time is crucial
- Waterproof rating to IP68

QTSSP Specifications



Temperature range

-40°C to 110°C (-40°F to 230°F) continuous

Standard cable lengths

2', 4', 8', 10', 20' and 40' (Custom lengths available)
Standard color-coded wire jacket available

Resistance values at 25°C

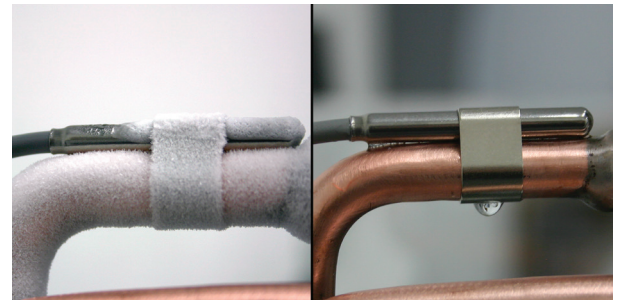
2k, 5k, 10k, 50k, 100k and more

Accuracy

Point matched (+/- 1%, 2%, 5% or 10%) or
interchangeable (+/- 0.2°C from 0°C to 70°C)

Curves

Any industry standard plus custom curve capability



Applications Include:

- Evaporator Coil Temp Monitoring
- Defrost Termination
- Return Air Temp Sensing
- Harsh, Moist Environments Where a Robust Sensor is Required

OPTIONAL CLIP MOUNT

Save installation time and improve the performance of QTSSP sensors by clipping them to copper tubing. Our standard clip made from stainless steel is compatible with copper tubing. A variety of clip sizes are available to suit most refrigeration applications.

Clip sizes available: 1/4", 3/8", 1/2", 5/8", 7/8" and 1 1/8".
1/4" and 3/8" clips are 0.38" wide. All other clips are 0.625" wide.



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.

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