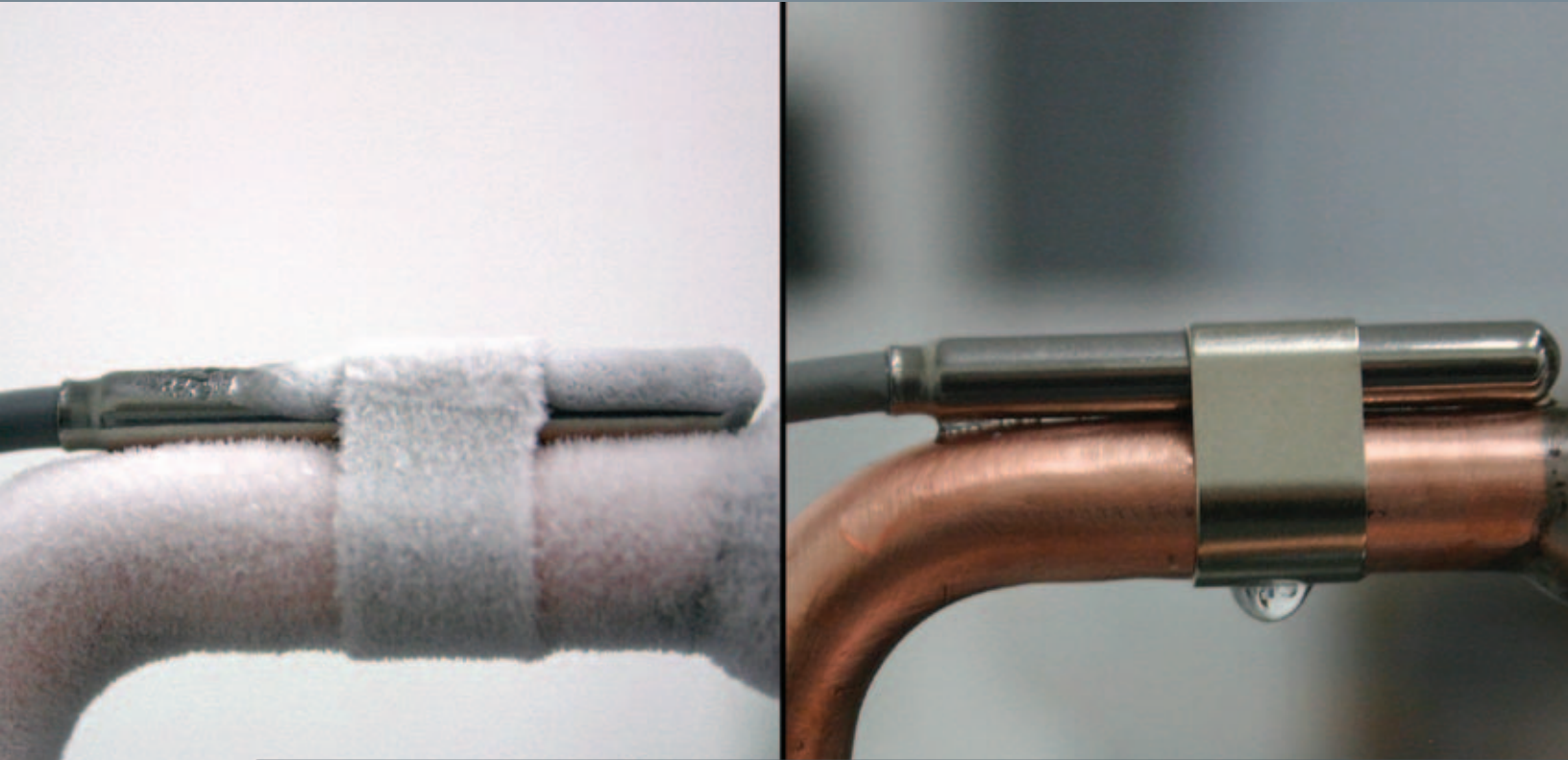# QTSSP WATERPROOF SENSOR

The durable QTSSP waterproof swaged probe is an ideal temperature sensor for the harsh environments found in a variety of applications, such as HVAC and Refrigeration and food service. These applications often see dramatic temperature swings and large amounts of moisture which, over time, can cause temperature sensors to fail. The QTSSP sensor's design overcomes these challenges through a swaged end which provides strain relief and water resistance. Additionally, the sensor's metal housing gives it fast thermal response time.
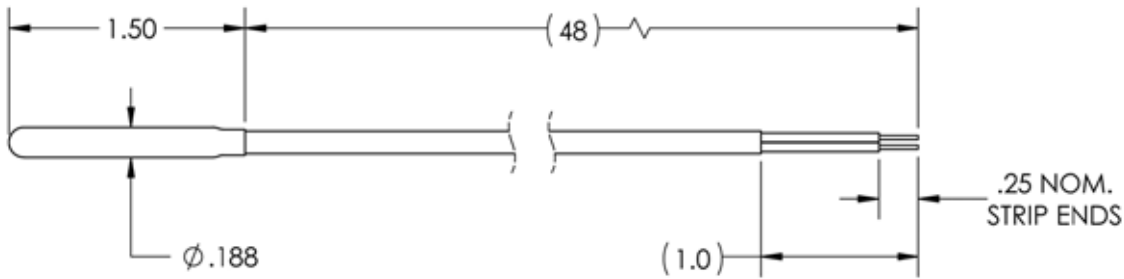
QTI can customize the QTSSP sensor in a variety of ways. Sensor resistance values and accuracy, as well as cable length and color are all able to be specified.

QTSSP SWAGED WATERPROOF TEMPERATURE SENSOR FEATURES

- Waterproof rating to IP68
- Robust sensor for a range of applications
- Ideal for industrial applications where response time is crucial
- 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

MADE IN THE USA

QTSSP SWAGED WATERPROOF SENSOR SPECIFICATIONS

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

Standard cable lengths
2′, 4′, 8′, 10′, 20′ and 40′
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,
32°F to 158°F)

The metal housing gives the QTSSP
swaged sensor a fast thermal response time.

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

Sensing Solutions