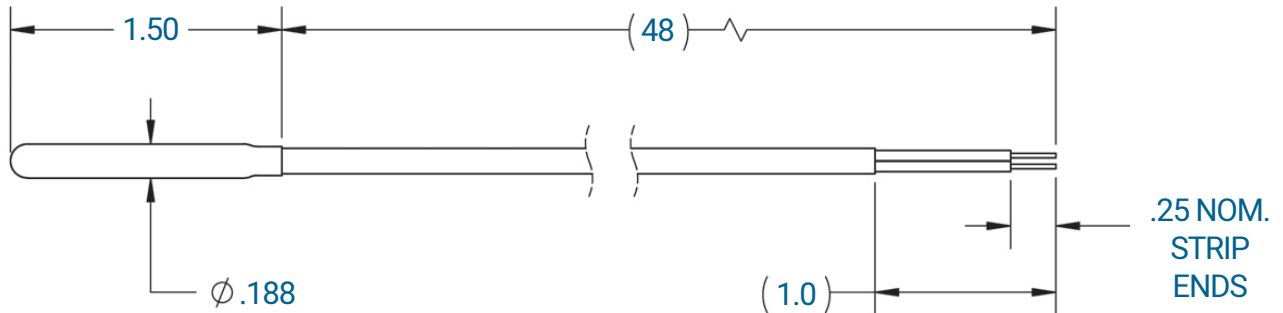![QTI SENSING SOLUTIONS logo]

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, Refrigeration and foodservice. 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.

QTSSP SWAGED WATERPROOF TEMPERATURE SENSOR 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

1.50

(48)

Ø .188

(1.0)

.25 NOM. STRIP ENDS

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.

ORIGINAL 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.