

QTIP68 Waterproof Sensor

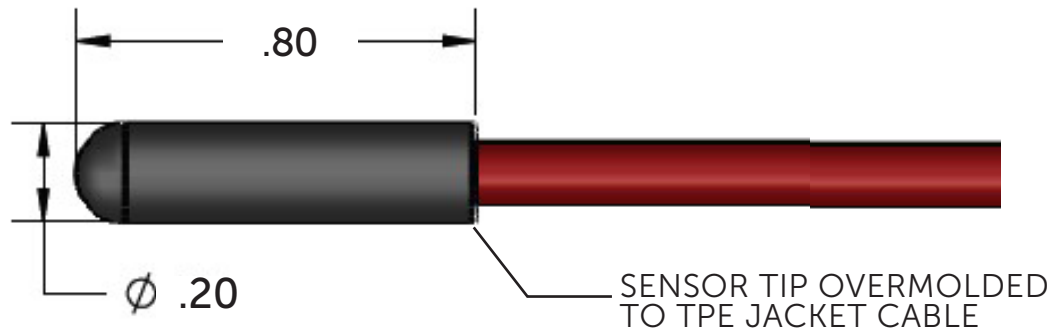
QTI's QTIP68 sensor combines a highly stable precision thermistor with an extremely durable waterproof housing. This temperature sensor offers excellent performance in humid environments and during harsh freeze/thaw cycles. It is ideal for use with discharge lines, evaporator fins, evaporator coils and cabinet temperature applications.

Common applications for the QTIP68 include refrigeration equipment, air conditioning, under-floor heating, climate control systems and high-humidity environments.

Features:

- Double insulated thermoplastic rubber
- Cable color and thermistor resistance values able to be customized
- Ideal for harsh freeze/thaw cycles
- Optional clip mount for easy installation
- RoHS compliant
- Ruggedized housing, corrosion-resistant cable
- 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

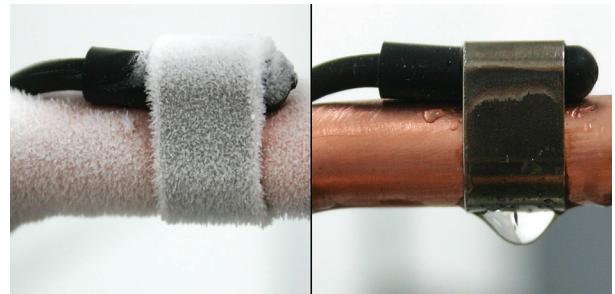
2k, 5k, 10k, 50k, 100k and more

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 Temperature Sensing
- Any High-Moisture Environment Where Long-Term Performance is Required
- FDA 21 CFR Rated

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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