

Temperature Probes

QTIP68 Series

Engineering Information:

- 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 options available
- Ruggedized housing, corrosion-resistant cable
- Waterproof rating to IP68
- Tested to over 30,000 freeze-thaw cycles
- Choose from the following sensing elements: NTC thermistor, RTD, or thermocouple



Series Information:

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.

QTI can customize the QTIP68 sensor in a variety of ways. Sensor resistance values and accuracy, as well as cable length and color are all able to be specified.

Optional Clip Mount:

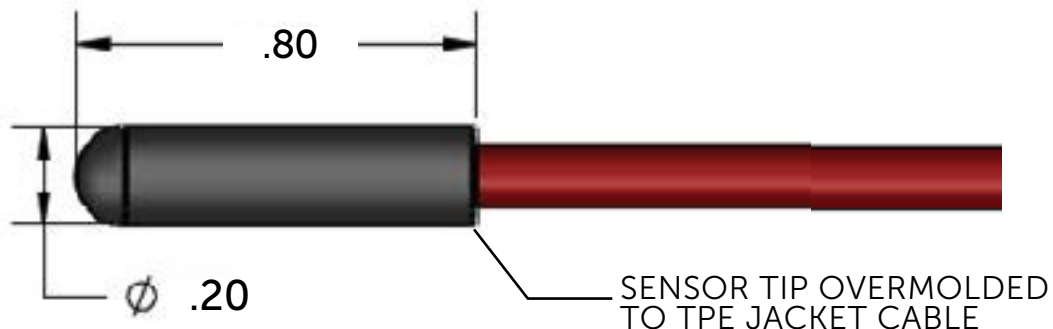
Save installation time and improve the performance of QTIP68 sensors by clipping them to copper tubing. Our standard clip made from stainless steel is compatible with copper tubing. A variety of clip sizes are available to suit most refrigeration applications.

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.



Temperature Probes

QTIP68 Specifications



CTS Sensing Solutions

CTS offers a broad spectrum of high-quality temperature sensing solutions. Our portfolio of temperature sensors encompasses all industry-standard design approaches including PTC and NTC thermistors, pure metal resistance temperature detectors (RTDs) and thermocouples. With more than 40 years of experience in developing and manufacturing temperature sensors, CTS is guaranteed to have a sensing solution that fits your application's specific requirements. Have a look at our solutions below, and feel free to contact our product experts for further information.

CTS temperature sensors provide solutions for markets and applications such as:

HVAC and Refrigeration

Food Service

Medical Equipment

Aerospace and Defense

Pool and Spa

Boilers and Water Heating

Contact us to discuss your temperature sensing needs today.