

PRECISION USB THERMOMETER

Accurate. Easy. Direct.

DIRECTEMP[™]

PRECISION TEMPERATURE ACQUISITION SYSTEM

- Accuracy +/- 0.1°C (0-100°C) or +/- 0.5°C (0-70°)
- Custom probe and cable configuration
- NIST Traceable - Certification available
- Data logging and alert notification software included
- Able to run multiple sensors

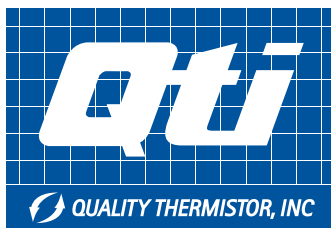
"UNLIMITED POSSIBILITIES IN TERMS OF CALIBRATION, PROBE DESIGN AND APPLICATION USE."

DESCRIPTION

A high precision thermistor is combined with a 14 bit analog to digital converter and a simple USB communication interface to capture real-time temperature data. The DIRECTEMP[™] device can communicate either as a Human Interface Device which auto installs to interface with the DIRECTEMP[™] data logging software, or as a virtual serial port with which custom or third party software may be used. DIRECTEMP[™] probes are calibrated in QTI's metrology laboratory and can be recalibrated and returned to service for extended life. The absolute accuracy and repeatable precision of the DIRECTEMP[™] USB temperature acquisition system will become invaluable to your most critical application.



TOLERANCE	± 0.1° C: 0 °C to 100 °C or +/- 0.5°C (0-70°) ± 1.5° C: -55 °C to 150 °C
RESOLUTION	0.01 °C
RoHS COMPLIANT	Yes
CURRENT DRAW	< 100mA



See reverse side for AVAILABLE INTERFACE OPTIONS
and CUSTOMIZABLE PROBE DESIGNS

www.thermistor.com

2108 Century Way, Boise, ID | (800) 554-4784 | qtisales@thermistor.com

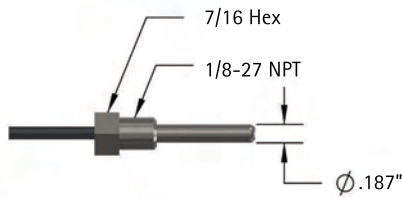
Custom Temperature Probes | Design Services | Assembly Services | NASA & Military Qualified Test Lab

USB Temperature Acquisition System



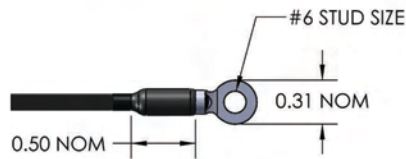
Standard Probe Housings

Liquid



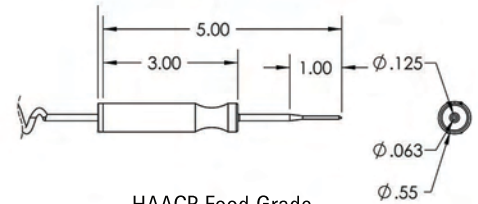
Threaded Probe
QT06001-002

Surface

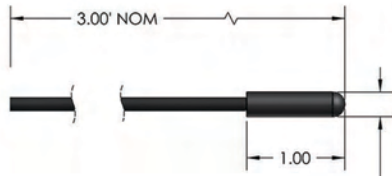


#6 Ring Lug
QT06009-003

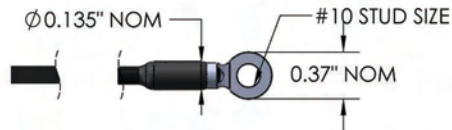
General Purpose



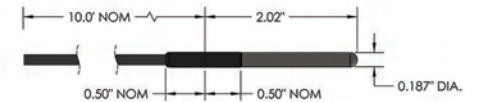
HAACP Food Grade
QT06028-010



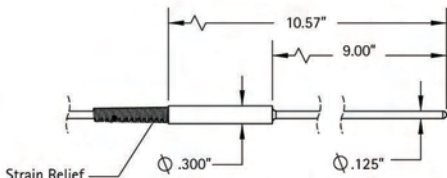
IP68 Waterproof
QT06024C-001



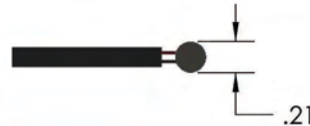
#10 Ring Lug
QT06009-001



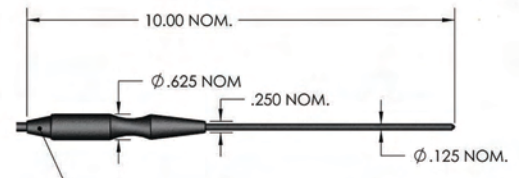
QT06005-001



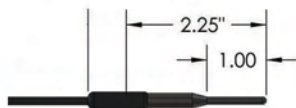
Reference Thermometer
QT06005-008



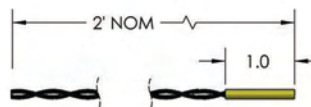
Stainless Steel Disc
QT06022-001



Inspection Probe
QT06028-001



Fast Response Probe
QT06005-012



Polyimide Tube
QT06020-002