DirecTemp® USB Thermometer

DTU6028-010

Engineering Information:

- USB thermometer
- Operating temperature range: -40°C to 105°C
- PVC jacketed coil-cable leads
- Food-grade 316 stainless steel polished housing
- Data logging and alert notification software included
- Multiple sensors supported
- Measures in Fahrenheit, Celsius and Kelvin
- Use as a plug-and-play Windows device or with custom software
- NIST traceable certification available
- Able to be recalibrated by QTI
- RoHS-compliant

Applications:

- Food safety inspection
- Harsh environments
- Point-of-use and audits

Series Information:

Designed as a heavy-use food thermometer, this DTU6028-010 probe is built of one piece of 316 food grade stainless steel. It's easy to clean and very durable. The 2"-long tip is stepped down to 0.063" in diameter. The overall length of the handle and probe tip is 5". The probe also features 6' of coiled PVC cable connected to the USB device.

DirecTemp® USB Thermometer Overview:

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 re-calibrated 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.

- Up to 0.1°C absolute accuracy
- Up to 0.01 resolution*
- Chooose probe style, cable length, and critical temperature point
- PC powered, no batteries
- Temperature range: -55°C to 150°C with proper probe selection
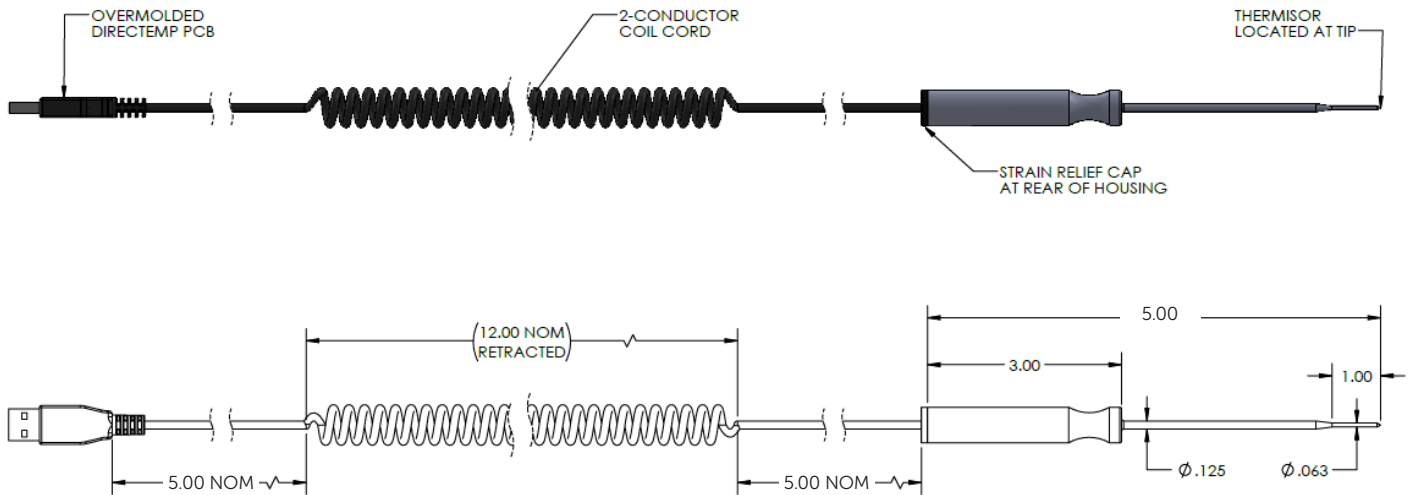- RoHS Compliant

*User specified single point temperature and tolerances available.
Warning: Do not use in human life support applications.
This device is not designed nor intended to operate in situations where human injury will result in the event of a failure.

DTU6028-010 Specifications

QTI Sensing Solutions

2108 Century Way Boise, Idaho 83709 USA
T: (208) 377-3373, 800-554-4784
F: (208) 376-4754
qtisales@ctscorp.com
www.qtisensing.com

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.