

DTU6005-008

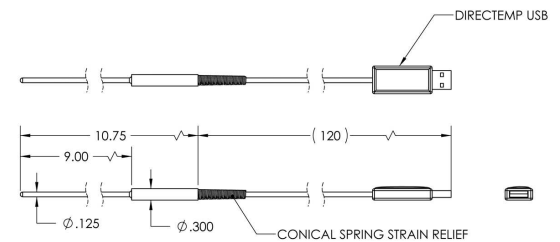


This probe is designed as a calibration probe with a 9 inch rugged stainless steel probe. Often used for liquid immersion, the probe is immiscible only to the end of the 9 inch sheath. The DTU6005-008 comes with a 0.125 inch tube stepped to 0.30 inch and a spring strain relief. Ten feet of PVC cable comes standard with this sensor. Other tube diameters and cable lengths are available upon request



ENGINEERING INFORMATION

- USB thermometer
- Data logging and alert notification software included
- Multiple sensors supported
- 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



TOLERANCES, POWER DRAW AND RESOLUTION

Available tolerances	Current draw	Resolution
+/- 0.5°C (0°C to 70°C)	<100mA	0.01°C
+/- 0.1°C (0°C to 100°C)		
+/- 0.05°C (0°C to 70°C)		

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.

SOFTWARE CONFIGURATIONS

HID configuration (plug and play)

- Automatic driver installation in Microsoft Windows
- DirecTemp™ data logging software included for Windows
- Compatible with Windows 2000 and newer 32- and 64-bit systems

USB-Serial configuration (virtual com port for OEM and proprietary software applications)

- Virtual serial device
- Designed for integration with third party software
- Compatible with Windows, Linux and Mac OS
- Example software code for common programs available

QTI can customize this part for you. Contact us for available options.

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