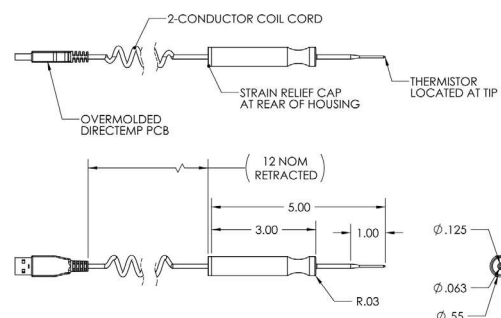# DTU6028S

Designed as a heavy use food thermometer, this probe is built out of one piece of 316 food grade stainless steel. It is easy to clean and very durable. The 2 inch long tip is stepped down to 0.063 inches in diameter. The overall length of the handle and probe tip is 4.5 inches, and it features 6 feet of coiled PVC cable connected to the USB device.

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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