PR-T03 Digital temperature probe

The PR-T03 digital temperature probe is designed for Controlant's real-time data loggers. The probe has one temperature sensor to measure ambient temperature.

Features and benefits

- Validated and compliant for the life sciences supply chain
- Accurate digital temperature sensor for ambient temperature measurements
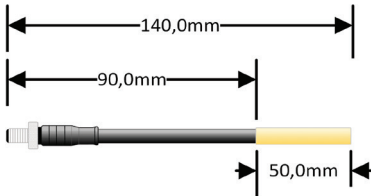
General overview

Product

Product name and type	PR-T03 digital temperature probe

General

Probe length overall (LOA)	14.0cm	5.5in
Cable diameter	4.6mm	0.18in
Cable material	PUR, black	-40℃ to +105℃
		-40°F to +221°F
Connector body	TPU	
Connector standard	IEC 61076-2-104	
Connector contacts	Brass with gold plate	
Connector locking system	Screw locking	
Connector waterproof rating	IP67	

Temperature sensors

Measurements

Number of sensors	One sensor for ambient temperature
Temperature	-20℃ to +50℃
	-4°F to +122°F
Resolution	0.1℃
	0.18°F
Long-term drift	<0.1℃ / year
	0.18°F / year

Calibration

Standard calibration points	-20℃	15℃	50℃
	-4°F	59°F	122°F
Calibration accuracy	±1.0℃	±0.5℃	±1.0℃
	±1.8°F	±0.9°F	±1.8°F
Non-standard calibration points	Available		
Calibration certificate	Available upon request		

Probe dimensions