

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	PUK, black	-40°C to +105°C -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	
Flat cable section thickness	0.25mm	0.009in
Flat cable length	260mm	10.23in
Flat cable color	White	

Temperature sensors

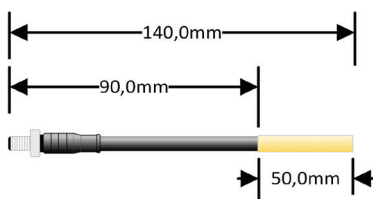
Measurements

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

Calibration

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

Probe dimensions



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