

PR-T01 Digital temperature probe

The PR-T01 digital temperature probe is designed for Controlant’s real-time data loggers.

Features and benefits

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

General overview

Product

Product name and type PR-T01 digital temperature probe

General

Probe length overall (LOA)	2.8m	9.2ft
Cable diameter	4.6mm	0.18in
Cable material	PUR, 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	

Temperature sensors

Measurements

Number of sensors	Two sensors – one for ambient and one for the product
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	15°C	50°C
	-4°F	59°F	122°F
Calibration accuracy	±1.0°C	±0.5°C	±1.0°C
	±1.8°F	±0.9°F	±1.8°F
Non-standard calibration points	Available		
Calibration certificate	Available upon request		

Probe dimensions

