

PR-T80 Digital dry ice temperature probe

The PR-T80 digital dry ice temperature probe is designed for the Controlant Saga-P logger and the CO 10.01 real-time temperature monitoring data loggers.

Features and benefits

- Validated and compliant for the life sciences supply chain
- Accurate digital temperature sensor for dry ice temperature measurements
- Designed for dry ice applications (-80 C°/-112 F°)

General Overview

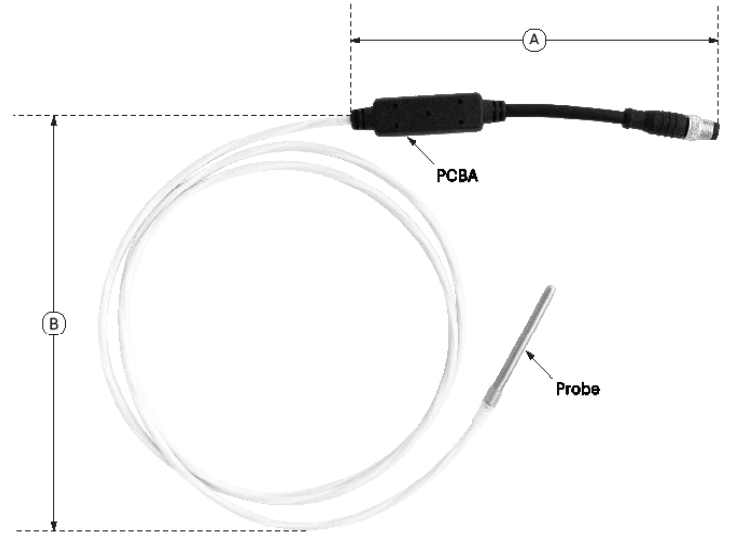
Product name	PR-T80 digital temperature probe
Overall probe length	1370.8mm±30mm (54 in±1.22 in)

Connector section (A)

Operating temperature	-40°C to +50°C	-40°F to +122°F
Cable section diameter	4.6 mm (0.18 in)	
Cable section material	TPU, Black	
Connector body	TPU	
Connector standard	IEC 61076-2-104	
Connector contacts	Brass with gold plate	
Connector locking system	Screw locking	
Connector waterproof rating	IP67	
Junction waterproof rating	IP65	
Cable color	Black	

Probe section and cable (B)

Operating temperature	-95°C to +50°C	-139°F to +122°F
Length (Probe and cable)	1198mm±20mm (47.2 in ±0.8 in)	
Probe section diameter	4.0 mm (0.16 in)	
Cable diameter	2.5 mm (0.9 in)	



Measurements

Number of sensors	One sensor – dry ice temperature
Temperature	-95°C to +50°C -139°F to +122°F
Resolution	0.1 °C 0.18°F
Long-term drift	<0.1°C 0.18°F / year

Calibration

Standard calibration points	-80°C	-40°C	0°C
	-112°F	-40°F	32°F
Non-standard calibration points	Available		
Calibration accuracy	+/-1°C		
Calibration certificate	Available upon request		

