

Pt100 Smart-Sensor

Cobalt X and Cobalt L3

Pt100 Smart-Sensor | -100°C to +200°C

-80 °C freezers, industrial applications

The Pt100 Smart-Sensor -100°C to +200°C is ideal for a variety of situations.

Perfect for monitoring -80°C freezers, this sensor features our Smart-Sensor technology.




Pt100 Smart-Sensor | -200°C to +50°C

Cryogenic freezers, liquid Nitrogen tanks

The Pt100 Smart-Sensor -200°C to +50°C is ideal for monitoring ultra-low temperatures.

Particularly well adapted for monitoring cryogenic freezers and Nitrogen tanks, this sensor features our Smart-Sensor technology.



Ranges	-100°C to +200°C	-200°C to +50°C
Resolution	0.03°C	
Expanded uncertainty	+0.08°C to +0.3°C	
Sensor type	Smart-Sensor	
Dimensions	Ø: 3 mm L: 100 mm	Ø: 3 mm (0.1 in) L: 100 mm Junction: Ø 6 mm
Material	Stainless steel	
Class	B (class A upon request)	B
Cable	3-wire PTFE (4-wire upon request)	3-wire PTFE
Cable length (with connector)	350 cm (with connector)	140 cm (with connector)
Protection index	IP66	
Compatibility	 Cobalt X2, Cobalt X1, Cobalt L3	
References	SON.TPT.0009	SON.TPT.0010

Calibrations

- ISO/IEC 17025 (COFRAC) accredited
- Laboratory certified (non-accredited)
- NIST traceable

Smart-Sensor technology stores all calibration information directly in on-board memory and embeds analog / digital signal converter.

The sensor can therefore be calibrated directly, independently of the data logger.