

SAB temperature Pt100 Probe

Meet our smart Pt100 Probe (low temperature)

Product Description

This smart probe featuring a digital SenseAnywhere Bus interface has been especially designed to be used in ultra-low temperature environments for monitoring cryogenic applications down to -200°C . The class A wire wound ceramic Pt100 sensor ensures accurate measurements over a wide temperature range. Due to the digital interface this probe with its own serial number and integrated electronics can be calibrated. Calibrated SAB sensors can be easily hot swapped offering a big advantage and cost savings for recalibration of sensors.

Sensor Type	Wire wound ceramic Pt100 element
Sensor class	Class A, $(0.15\text{K} + 0.002 \times t)$
Temperature range	-200°C to $+200^{\circ}\text{C}$
Cable	4-wire, 2mm PTFE cable, 2m long, Temperature range: -200°C to $+200^{\circ}\text{C}$
Connector / interface	4-pin SenseAnywhere Bus (SAB) interface Temperature range: -40°C to $+70^{\circ}\text{C}$
Casing Material Connector	PA (UL 94 V-0)
Diameter Connector	\varnothing 11.5mm / 0.45 in
Sheath	100mm x 3mm stainless steel
Seal pot	6mm x 30mm

Please note that the Pt100 probe has protection class IP67, so it is not waterproof.



Temperature
Accurate temperature measurement.



Realtime
24/7 data gives you a complete audit trail.



Instant alarms
Get notified via email or text when limits are exceeded.



Secure data storage
Access your data anywhere and anytime via the Cloud.



Applicable in various industries

