

Mottech Liquid Temperature Sensor

Mottech Liquid Temperature Sensor is used to measure the temperature of the liquid medium, applied to the automatic meteorological station, pond or reservoir water temperature detection and other fields.

Sensor with precision thermal resistance as a sensing component, built-in signal sampling and amplification, zero drift and temperature compensation function, has the characteristics of high measuring precision and good stability.

The Mottech Liquid Temperature Sensor can be connected directly to any controller in Mottech's system via Analog input or Mottech Smart Card.



Features and Benefits

On-line & real-time measurement



Good corrosion resistance, suitable for all kind of soil



High accuracy



All stainless steel probe



Applications



Environmental monitoring



Weather station



Ground temperature detection



Water conservancy



Agriculture



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Technical specification

Item	Technical Specification
Range	-10-+50°
Supply	12-24VDC
Accuracy	±0.5°
Element	PT100 class A
Response Time	<1s
Output Signal	4-20mA,0-5V,RS485
Operating Temperature	-40°-+80°
Ingress Protection	IP68
Storage	10-60°@20%-90%RH
Probe weight(unpacked)	145g
Housing material	316L
Code	M.SENS-93-A