

RK500-11 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.

FEATURES

- Real-time temperature measurement
- Good corrosion resistance, suitable for all kind of soil
- High accuracy
- Good linearity
- All stainless steel probe




APPLICATIONS

- Environmental monitoring
- Weather station
- Aquaculture
- Ground temperature detection
- Water conservancy
- Agriculture

TECHNICAL SPECIFICATION

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

 Complies with applicable CE directives.

Specifications subject to change without notice. Version 3.0

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