SLST2-18

Coarse threaded PT100 temperature sensor

User Manual

File Version: V19.8.27

Suobo SLST2 series PT100 sensor platinum resistance is made of platinum wire with

a purity of 99.9995%. It has stable performance,good repeatability,high precision and good linearity in a certain temperature range. It is an internationally recognized mature product. The international temperature standard ITS-90 also stipulates that the platinum resistance with special structure is used as the 13.5033K--961.78 °C standard thermometer. Platinum resistance is widely used for temperature measurement in the range of -200--850 °C,usually in the industry. Below 600 °C,the temperature range of different models of SLST2 can be found in the technical parameters. The extremely low power consumption makes the SLST2-X the first choice for all kinds of applications.

Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Temperature measurement range	-50°C to +100°C (optional with other ranges)
Detecting Core Devices	PT100
Temperature Measurement Accuracy	$\pm$ 0.3°C (optional ±0.3°C
Thermal Response Coefficient	10mΩ/K
The resistance of the sensor at 0 °C	1000Ω±0.12Ω/K
The resistance of the sensor at 0-100 °C	0.385Ω/K
Reference Execution Standards	Using EN 60751 Class B Standards
Communication Interface	1-WIRE BUS
Power	DC3~5.5V

Contact Us

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