

Model: SEN-TS1

This temperature sensor used to monitor the temperature of Ground/Surface water, lakes, pools, aquatic ponds, Soil, Ice, Road Temperature.

The temperature sensing device is potted in a stainless steel probe mounted in a plastic enclosure and are coated with a sealant to withstand outdoor moisture. It is designed specifically to monitor temperature. This sensor can be connected to data-logger, controller or to some display by means of electronic interface.

If the temperature gets too high or low, the controller can then take the appropriate programmed action. The temperature can also be displayed on the console, in PC Access etc.



Specifications of Sensors:

Temperature

Range: - 50 to 150 ° C.

Accuracy: $\pm 0.1^{\circ}$ C (in the range of 5°C to 45°C)

Overall : $\pm 0.5^{\circ}$ C

Resolution: 0.03° C

Cable length: 5m (**extendable at extra cost**)

Dimension: 11mm dia, 40mm length

Input: 5 VDC

Output: Voltage: 0 to 1
Current: 4-20mA, 0-20mA
RS485-MODBUS
RS232-ASCII

Applications

- Water Temperature
- Soil Temperature
- Ice Temperature
- Road Temperature

Ordering Guide

Output

1.For Voltage O/P:

2.For Current O/P:

3. For RS485 O/P:

4. For RS232 ASCII O/P:

Model No.

SEN-TS1-V

SEN- TS1-C-x (x stands range; 4-20, 0-20)

SEN- TS1-485

SEN- TS1-RS232

Please mention Sensor Cable Length information along with your enquiry / Purchase order

Customized Ranges / Resolution / Outputs of sensor are available at extra Cost

Virtual



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Represented by:

**** Drawing & specifications are subjected to change at any time without prior notice as per manufacturing suitability.**