

Temperature Sensor

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.	Input:	5 VDC
Accuracy:	±0.1° C (in the range of 5°C to 45°C)	Output:	Voltage: 0 to 1
Overall :	±0.5° C	Current:	4-20mA, 0-20mA
Resolution:	0.03° C		RS485-MODBUS
Cable length:	5m (extendable at extra cost)		RS232-ASCII
Dimension:	11mm dia, 40mm length		

Applications

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

Temperature Sensor



Ordering Guide

Output

	Model No.
1.For Voltage O/P:	SEN-TS1-V
2.For Current O/P:	SEN- TS1-C-x (x stands range; 4-20, 0-20)
3. For RS485 O/P:	SEN- TS1-485
4. For RS232 ASCII O/P:	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

DUQE Square Business Centre, Quarter
Deck, Queen Elizabeth 2, Mina Rashid,
Dubai (United Arab Emirates)
Tel. +971-525829733
E-mail: sales@instrumex.ae

Represented by

Instrumex, Dubai
Tel. +971-525829733
E-mail: sales@instrumex.ae
Web: www.instrumex.ae

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

