Need to measure temperature? Need multiple temperature points? This temperature sensor offers up to 8 channels of temperature data in one device. Need more? Simply network several devices together.

**Features**

- Records temperature and time
- Highly accurate thermistor (temperature nodes)
- Up to 8 temperature nodes — *at user specified locations*
- Low power — 2 *internal AA batteries*
- External power options (12 VDC) with AA's acting as backup
- Over 52,000 records — *non-volatile memory*
- Wireless connectivity — *radios and/or cellular*
- RS485 network — *connect with other AquiStar® Sensors*

**APPLICATIONS**

- Thermal remediation
- Thermal profiling
- Thermocline monitoring
- Dam monitoring — Thermal stratification
- Tunneling/Boring (construction)
- Leak detection
- Controlling pumps and mixers

**FREE AQUA4PLUS SOFTWARE**

- Set up flexible recording sequences
- Retrieve data
- Monitor real time data
- View collected data — *tables & graphs*
- Export to spreadsheets and databases with a click of a button

INW

*True data, measure by measure*
T8 Smart Thermistor Sensor with Data Logging

MECHANICAL

ENCLOSURE

Enclosure Material  ABS - IP66/67
Dimensions (box)  5.5” x 3.1” x 2.6” (14 x 7.9 x 6.6 cm)
Dimensions (incl. connectors)  6.0” x 3.1” x 2.6” (15.2 x 7.9 x 6.6 cm)
Wire Seal Materials  Fluorocarbon and Buna N

CABLE

Standard Cable  Check with INW for available cable types
Cable diameter  0.280” (0.7 cm)
Thermistor node diameter  0.50” (1.3 cm)

OPERATING SPECIFICATIONS

TEMPERATURE

Accuracy  ± 0.2° (at 25° C)
Resolution  0.1° C
Temperature Range  -35° C to 105 ° C (depending on thermistor)
Output  Modbus® RTU

POWER SUPPLY

Internal  2 AA Alkaline Batteries
Auxiliary  6 - 13 VDC, 15 mA

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