T8 Smart Thermistor Sensor
WITH DATA LOGGING

AquiStar™
Data Collection Systems

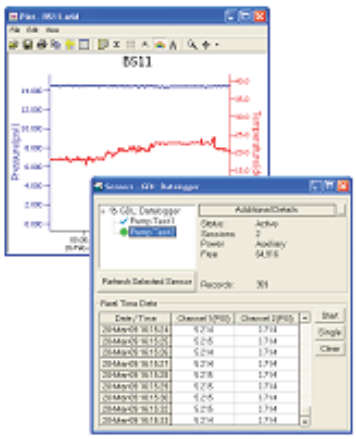
APPLICATIONS

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

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*



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*

ISO 9001:2008 CERTIFIED

1-800-PRO-WELL
WWW.INWUSA.COM

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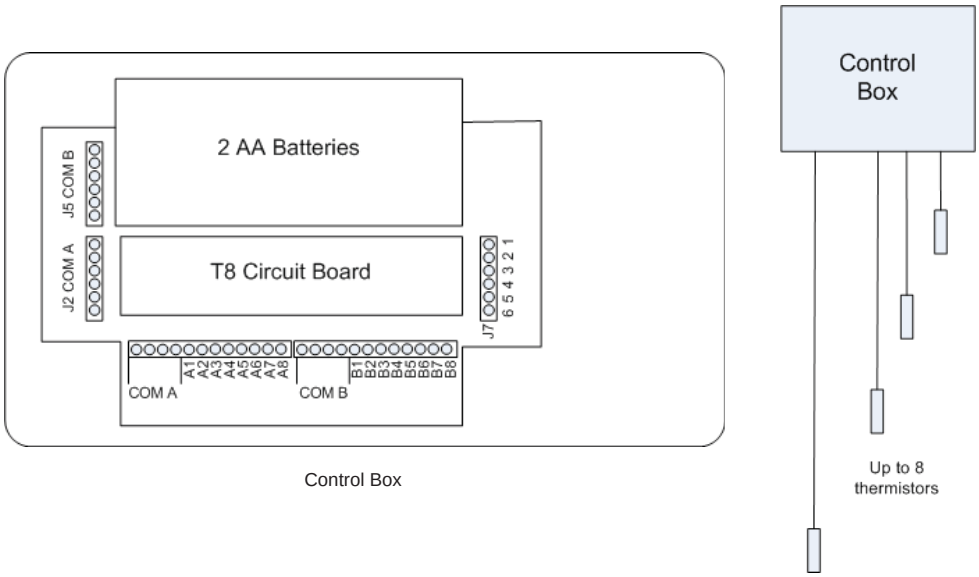

Control Box

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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