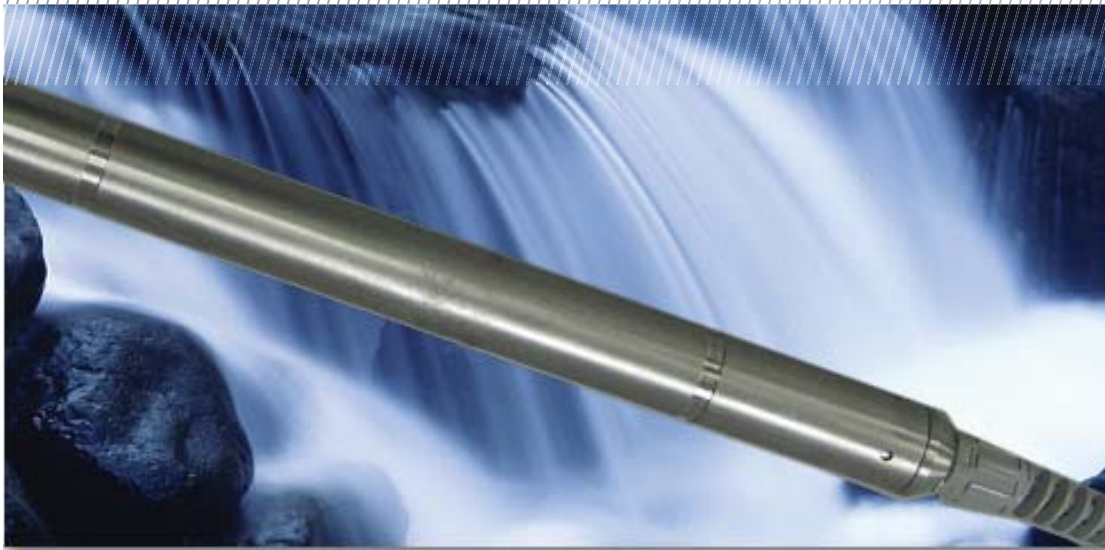


T32 Submersible Smart 1-Wire Temperature Sensor

WITH DATA LOGGING



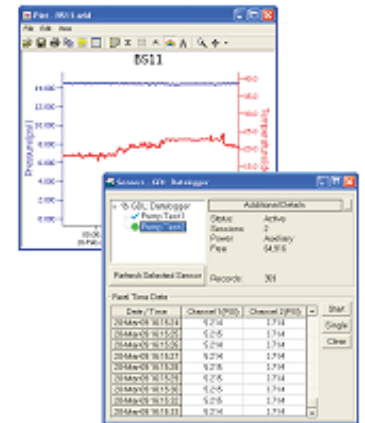
APPLICATIONS

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

Up to 32 channels of temperature data with this easy-to-use 1-wire sensor!

Features

- Up to 32 state-of-the-art 1-Wire sensors — *at user specified locations*
- Accuracy $\pm 0.5^{\circ}$ C (from -10° C to $+85^{\circ}$ C)
- Low power — *2 internal AA batteries*
- External power options (12 VDC) with AA's acting as backup
- Over 61,000 records — *non-volatile memory*
- Small diameter housing — *0.75" (1.9 cm)*
- Wireless connectivity — *radios and/or cellular*
- RS485 network — *connect with other Aquistar® Sensors*



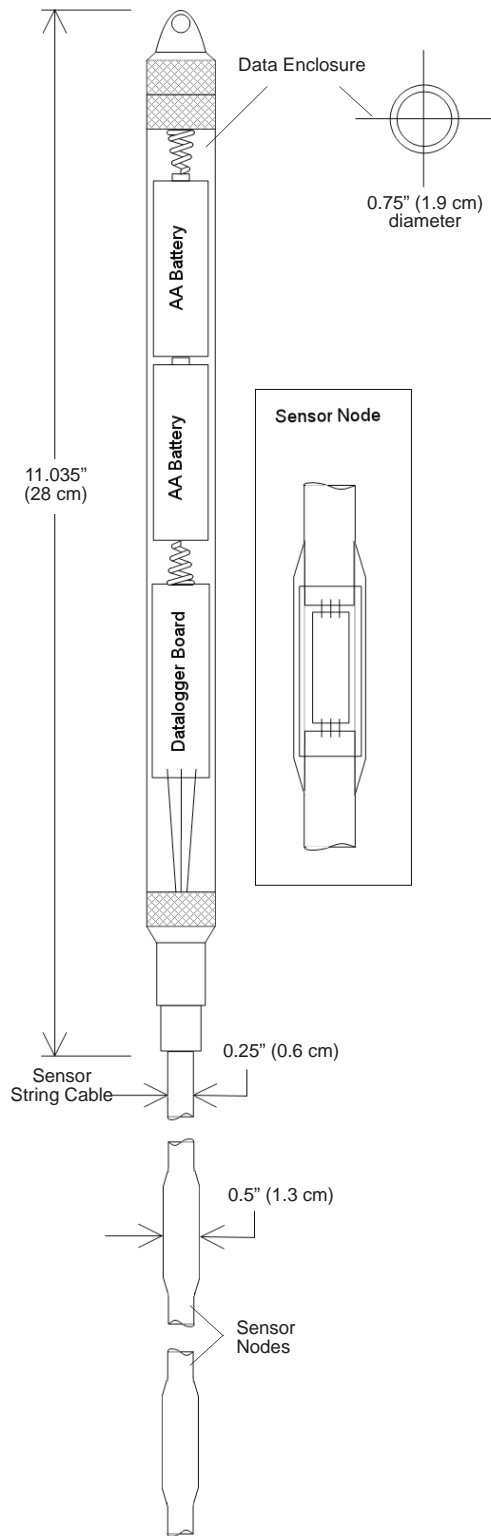
FREE AQUA4PLUS SOFTWARE

- 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



True data, measure by measure

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



DATALOGGER SPECIFICATIONS

MECHANICAL

Enclosure Material	316 stainless
Dimensions	11.035" x 0.75" (28 x 1.9 cm)
Weight	0.80 lbs. (0.4 kg)

Optional Cable — in place of cableless topcap

Material	Polyurethane, polyethylene, FEP, or Tefzel®
Maximum Length	2000 feet (610 meters)
Maximum OD	0.28 inches (0.7 cm)
Maximum Pressure Rating	100 PSI (70 mH ₂ O)

OPERATIONAL

Resolution	0.1°C
Temperature Range	-5°C to +60°C
Internal Power	2 AA Alkaline batteries (good for 500,000 records)
External Power (optional)	6–13 VDC, 15 mA
Output	Modbus® RTU

TEMPERATURE STRING SPECIFICATIONS

MECHANICAL

Standard Cable

Material	105°C PVC or FEP/Tefzel®
Maximum Length	100 feet (30 meters)
Maximum OD	0.25 inches (0.6 cm)
Sensor Node OD	0.5 inches (1.3 cm) maximum
Break Strength	100 lbs (45.5 kg)

OPERATIONAL

Max. Temperature Range	-55°C to +125°C
Accuracy	
-10°C to +85°C	± 0.5°C
-55°C to +125°C	± 2.0°C
Max. Resolution	0.06° C

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