

## **Model H-377**

Air/Water Temperature Probe

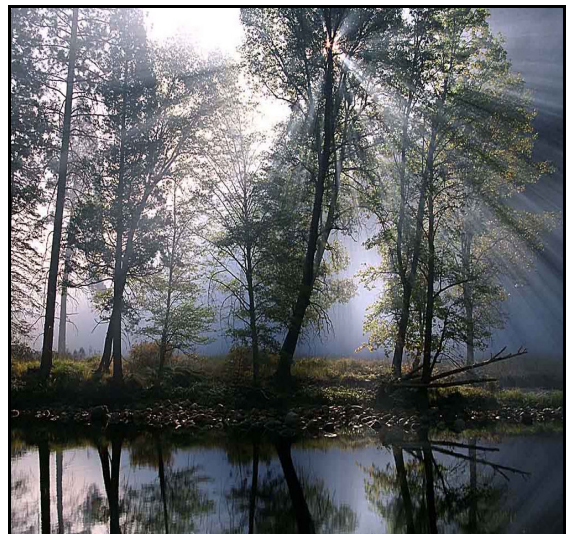


The **WATERLOG<sup>®</sup>** Model H-377 Air/Water Temperature Probe combines a high accuracy temperature sensor. The sensor is a well proven, accurate and



### **KEY FEATURES**

- Reliable data acquisition and long term calibration-free operation
- Temperature measurement with precision RTD probe provides fast response and high accuracy
- Operating temperature range of -40° to 105°C
- Sealed, corrosion-resistant, and nonconductive enclosure
- Analog output



# SPECIFICATIONS

**Temperature Sensor:** 10K Thermistor

**Measuring Range:** -40° to 105°C

**Accuracy at 25°C:** ± 0.1°C

**Analog Output Signals:**  
Vishay/Dale precision 20K resistor in line with 10K thermistor.

**Sampling Time:** < 0.7 seconds

**Cable Length:** 100 ft. (33m.)

**Supply Voltage:** 3.5 - 50 VDC

**Minimum Excitation Time:** < 4 seconds

**Dimensions:** Length: 4 in. (102mm.)  
Diameter: 0.2 in. (5.08mm.)

**Weight:** 1.5 lbs (0.68kg.) With 100 ft cable

**Radiation Shield:** The H-380-SS is a natural aspiration shield. Optimum protection against rainfall and sunshine. Suitable for horizontally incident rain up to 68 km/h. The shield includes an adapter for the smaller temperature probe

**Construction:** UV stabilized white thermoplastic plates aluminum mounting bracket, white stainless steel U-bolt clamp.

**Dimensions:** 4.7 in. (12cm.) diameter x 10.6 in. (27 cm.) high  
Mounting fits vertical pipe 1-2 in. (25 to 50 mm.) diameter.

**Weight:** Net weight 1.5 lbs. (0.7 kg.)

#### Warranty

The **WATERLOG**® H-377 is warranted against defects in materials and workmanship for one year from date of shipment.

#### Note

Specifications subject to change without prior notice due to ongoing commitment to product testing and improvement. LR August 11, 2004