

## ***Soil Moisture and Temperature***



### ***BENEFITS***

- Maintenance Free
- Site Specific Control
- Eliminate Guesswork
- Save Time and Money

### ***FEATURES***

- Proven TDT Technologies
- Measures Soil Moisture & Soil Temperature
- 1.5', 5', 10' biSensors for Site Flexibility
- Tolerant to Typical Salts and Fertilizer Levels
- Durable Construction

At the core of Baseline engineering is the patented biSensor technology. biSensors are buried in the root zone relaying real time soil moisture and temperature data back to the controller or monitor unit. biSensor data is utilized to make proper watering decisions and may be engaged to automatically determine watering durations and watering day intervals.



# Baseline Moisture Sensing Technology

## HOW DOES THE BASELINE biSENSOR TECHNOLOGY WORK?

An electronic pulse is sent along a transmission line (biSensor) embedded in the soil. The speed of that pulse is delayed by the soil's water content. The higher the water content, the slower the pulse moves around the biSensor. The biSensor accurately measures the pulse speed to determine the amount of water in the soil.

## HOW ACCURATELY?

biSensors can resolve the travel time in increments as small as 10- pico-seconds. Plus, unlike most moisture sensors, Baselines biSensors can measure distortion caused by salts and temperature changes and adjust moisture readings accordingly. All sensor-related electrical components are insulated from the soil, including the actual sensing elements. It's quite unlike any other soil moisture sensor.

## SENSITIVITY:

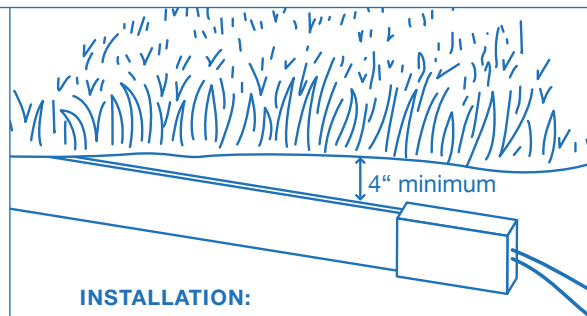
Patented biSensor technology can detect and measure very small changes in both soil moisture and soil temperature. It relays this information to the controller in real time. When accuracy can mean the difference between spending or saving hundreds of dollars a month in water, you can depend on the Baseline biSensor.

## RELIABILITY:

Baseline biSensors are durable, fail-safe and easy to install. biSensors are engineered to accommodate different soil types, tolerate soil temperature changes and heavy salt levels. biSensor technology provides constant and continuous readings and are backed by a 3 year warranty.

## MODEL SPECIFICATIONS:

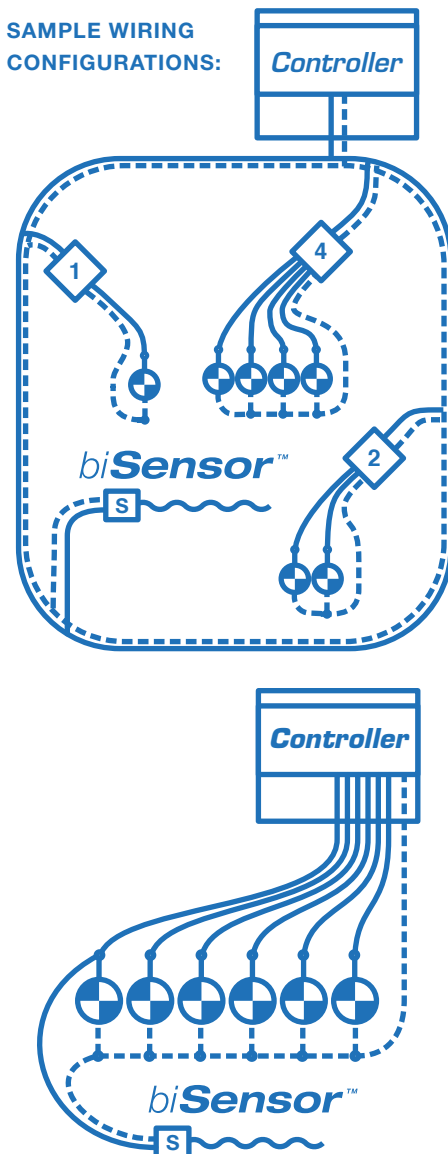
biSensor 1.5'	#BL-5315	use with 6000.5000.2000.
biSensor 5'	#BL-5305	use with 6000.5000.2000.
biSensor 10'	#BL-5310	use with 6000.5000 only.
biSensor 1.5WT	#BL-5315WT	use with WaterTec



## INSTALLATION:

All biSensor models are installed by burying the sensor vertically within the rootzone.

## SAMPLE WIRING CONFIGURATIONS:



## CONTACT INFORMATION:

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