

AlertWerks™ Spot Water Sensors

Accurate enough to measure even distilled water.

Models available with 15-, 60-, or 100-foot (4.5-, 18.2-, or 30.4-m) cable.



Specifications

- Communications Cable** — RJ-45 jack to sensor using UTP CAT5 cable
- Maximum Extension Cable Length** — 500 ft. (152.4 m) with approved low-capacitance shielded cable or UTP
- Measurement Accuracy** — Able to measure distilled water
- Measurement Range** — Wet or dry -4 to +140° F (-20 to +60° C)
- Measurement Rate** — Multiple readings per second
- Number of Sensors** — Up to (2) spot water sensors per hub
- Operation** — Autosensing, including disconnect alarm
- Sensor Type** — Patent-pending, microprocessor-controlled, capacitance measurement technology
- Power** — Powered by the AlertWerks Hub. No additional power is needed;
Power consumption: typical 61.85 mWatt, 12.37 mA
- Size** — 4.8"H x 2.8"W x 1.8"D (12.3 x 7.2 x 4.5 cm)

Overview

The AlertWerks Spot Water sensor is an advanced microprocessor that detects distilled water. Typical spot water detectors use a technology that measures the "resistance" of the water. This resistance depends on the presence of electrolytes in the water. If the water is "too clean," the typical spot water detector won't work.

In contrast, the AlertWerks Spot Water sensor can detect even distilled water. The sensor contains microprocessor-controlled capacitance measuring circuitry. This is far more precise than measuring the standard resistance of water. The resistance of water can vary depending on the impurities in the water. Other resistance-type monitors are unable to detect the presence of distilled water because it has high resistance.

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Customer Support Information

Order toll-free in the U.S.: Call 877-877-BBOX (outside U.S. call 724-746-5500)
FREE technical support 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746
Mailing address: Black Box Corporation, 1000 Park Drive, Lawrence, PA 15055-1018
Web site: www.blackbox.com • E-mail: info@blackbox.com

The entire circuit is encased in epoxy, enabling the detector to function while submerged in water. The Spot Water Sensor will retain any error condition until it is read via an SNMP get. So, if a sensor encounters a critical condition at any time, it will report that condition before it returns to a normal state. The Spot Water Sensor detects water leaks and flooding with a WET/DRY indication in software. SNMP polling via SNMP get is available. A Web browser interface is also available.



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