



5500 SERIES MOISTURE DETECTOR

Model numbers:
5501, 5505, 5515

- **Detects presence of water**
- **Ideal for basements and ceiling applications**
- **Easy installation**
- **No external power required**
- **End-user test verifies sensor operation**

The **5500 Series** moisture detector is designed to respond to the presence of water and other non-flammable conductive liquids. The sensor units can be surface-mounted or floor-mounted beneath carpet for detection of increased moisture levels in basements and bathrooms and leakage in air conditioning and sprinkler systems. The moisture detectors work with the 5501 Moisture Processor. Simply push the processor's test switch to simulate the presence of water and verify proper operation. The processor accommodates up to four detectors and comes with two internal lithium batteries for long-life.

continued

5500 Series Moisture Detector

Description

The Sentrol Moisture Detector is designed to respond to the presence of water or other non-flammable conductive liquids. It is designed to be connected in the closed loop of an alarm system. The 5501 Series moisture processor works with two types of sensors – one for under carpet applications (Model 5505) and the other for surface mounted uses (Model 5515). The 5501 moisture processor may be used with up to four sensors and performs a test function in addition to correctly analyzing the information from the sensors.

Processor

The 5501 moisture processor may be used with any closed loop control, dialer or wireless transmitter input circuit. The output is a solid state switch that is normally at 10 ohms, then increases to 1 megaohm when triggered.

The 5501 processor comes with internal lithium batteries that have an anticipated life of 10 to 15 years. A test switch is provided that simulates the presence of water and will, when pressed for a period of 15 seconds, activate the processor output to the normal closed state. The processor offers flexibility in mounting with no need for an external power source and minimal wiring required.

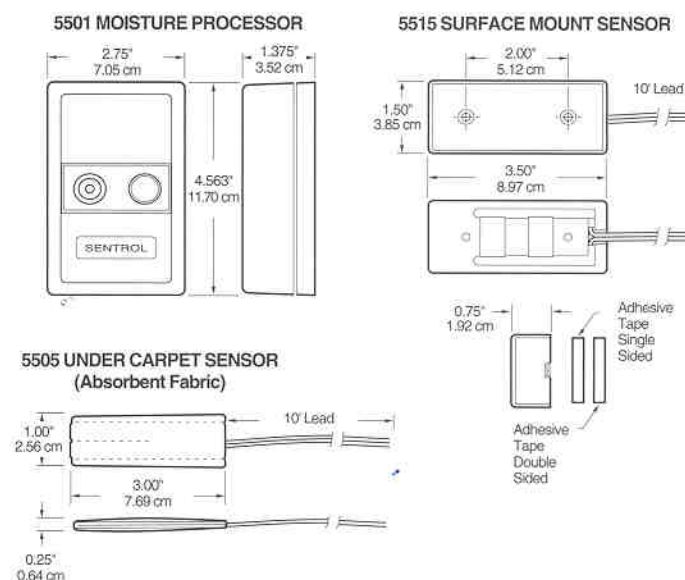
Sensors

Sensors include the Model 5515 surface mount unit and Model 5505 under carpet sensor. Any combination of up to four (4) sensors may be used with the Model 5501 moisture processor.

Specifications:

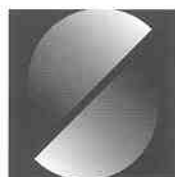
Loop type	Closed
Battery type	Lithium
Battery life	Approximately 10 to 15 years
"On" time	10 seconds delay, then on as long as wet
Test button	Simulates moisture for test
LED	Flashes every 2 seconds on alarm
Trigger resistance	500K ohm
Sensor isolation from ground	Photo coupled
Sensing circuit	AC to eliminate electrolysis (1Hz)
Cable length	100' maximum
Loop resistance	10 ohms maximum (non-alarm) 1 M ohm minimum (alarm)
Operating temperature	Control 0°F – 125°F Sensor 33°F – 180°F
Number of sensors per control	4 maximum

Dimensions:



ORDERING INFORMATION

Part Number	Description	Loop Type	Color	Lead
5501	Moisture Processor	Closed	Mahogany brown	Terminals
5505	Under Carpet Sensor	—	Natural	10'
5515	Surface Mount Sensor	—	Grey	10'



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