

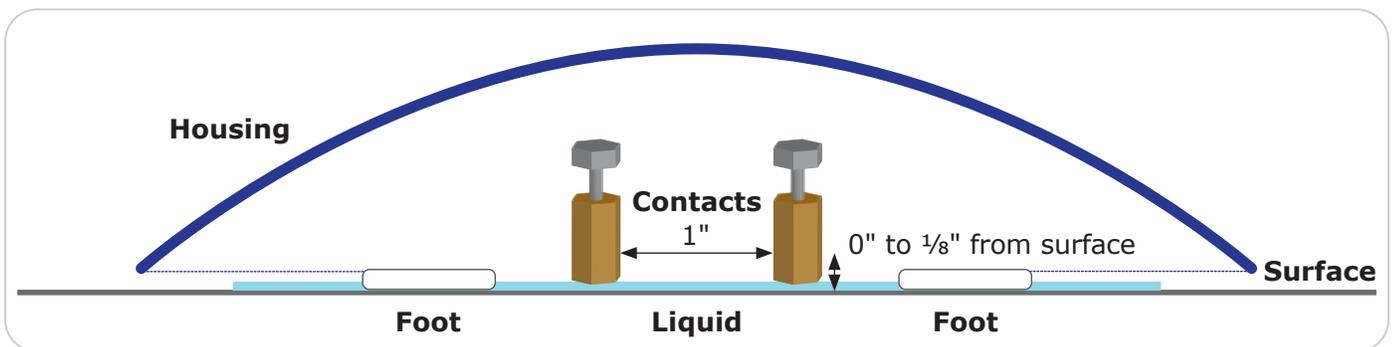
**AVTECH's Flood Sensor - Spot** monitors the presence/absence of liquid on a flat surface. When liquid collects underneath the blue housing, it bridges the 2 adjustable-height contacts and trips the sensor. The contacts, which are 1" apart, arrive  $\frac{1}{32}$ " off the ground, and adjust individually from 0" to  $\frac{1}{8}$ " high. Self-adhesive feet on the bottom of the housing allow you to fasten the sensor to trouble-spots and also provide a gap to admit water to the contacts.



### Flood Sensor - Spot Package Contents

- One (1) Flood Sensor - Spot with 25' low-voltage 2-wire cable attached
- One (1) 9V alkaline battery

### Flood Sensor - Spot



### Install Your Flood Sensor - Spot



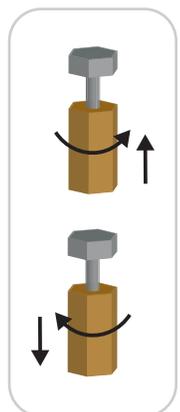
Do not use this sensor in hazardous (classified) locations or life safety applications.

#### Step 1: Adjust the height of the contacts if necessary.

You may leave the contacts at the factory-adjusted height of  $\frac{1}{32}$ " away from the floor, or adjust them between 0" and  $\frac{1}{8}$ " high. To simulate the distance to the floor, rest a straight-edge on the feet closest to the contacts while you adjust them.

- Tighten the contacts clockwise to raise them farther away from the floor.
- Loosen the contacts counter-clockwise to lower them closer to the floor.

While you may lower the contacts flush to the floor (0" high), doing so increases the chance of a false alarm—mere dampness or a film of dirt could bridge the contacts. Metal, too, forms a complete circuit, so if you place the unit on a metal surface, be sure to maintain a gap under the contacts.

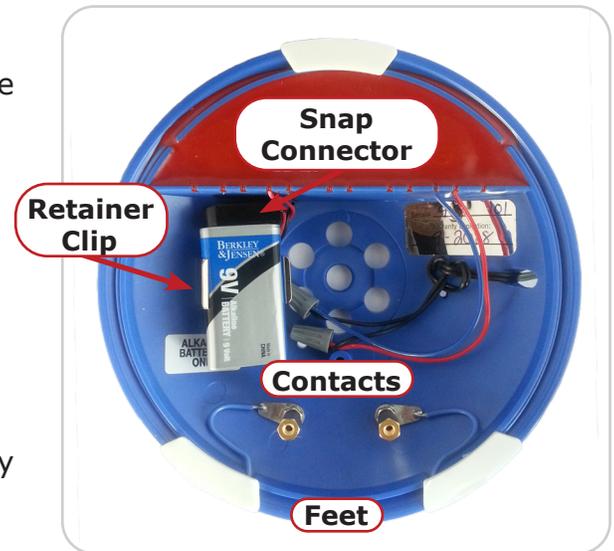


### Step 2: Connect the battery.

Your Flood Sensor - Spot comes with a 9V alkaline battery inserted into the retainer clip under the housing.

Push the snap connector completely on to the battery contacts. The snap connector arrives partially off to prevent the battery from discharging while it's stored and shipped.

Use only alkaline batteries in your sensor, and replace the battery at least once a year. If your Flood Sensor - Spot gets activated often, you may need to replace it sooner.



### Step 3: Mount your Flood Sensor - Spot.

1. Place your Flood Sensor - Spot on a flat surface in the area most prone to collect water.
2. You may simply rest the unit on its feet or remove the backing on the pads to stick it to the surface. In either case, keep the feet on the unit: they create a gap necessary to allow water to get to the contacts. If you remove them, the housing and surface may form a seal, and water won't reach the contacts until it's risen up the sides or over the top.

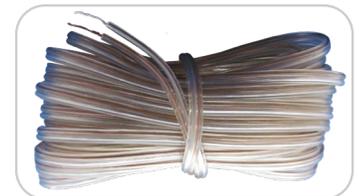
### Step 4: Connect your Flood Sensor - Spot to Room Alert.



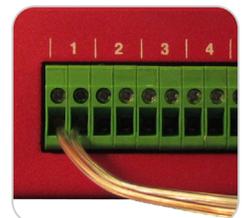
Do not connect the switch sensor inputs (dry contacts) on AVTECH products to any live circuit.

Use only low-voltage 2-wire cable to connect switch sensor inputs.

Your sensor comes with one end of a 25' low-voltage 2-wire cable already attached. The leads are non-polarized. Follow these steps to attach the other end to a switch port on your Room Alert:



1. Separate and strip the leads on the free end of the speaker cable, exposing about 1/4" of wire.
2. Run the speaker cable back to your Room Alert. Try to avoid running it near large electromagnetic devices or fluorescent lights, which produce EMI and can interfere with sensor readings.
3. Connect the free ends (the 1/4" leads) of the speaker cable to an open switch port on your Room Alert. Be sure the bare wire, not the insulation, connects to the port. Again, the leads are non-polarized, so you may connect either lead to either side of the open port.



## Flood Sensor - Spot (RMA-FS2-SEN)

### Test Your Flood Sensor - Spot

Once you have inserted the battery and connected to Room Alert, you may easily test the sensor by bridging the contacts with a paper clip.

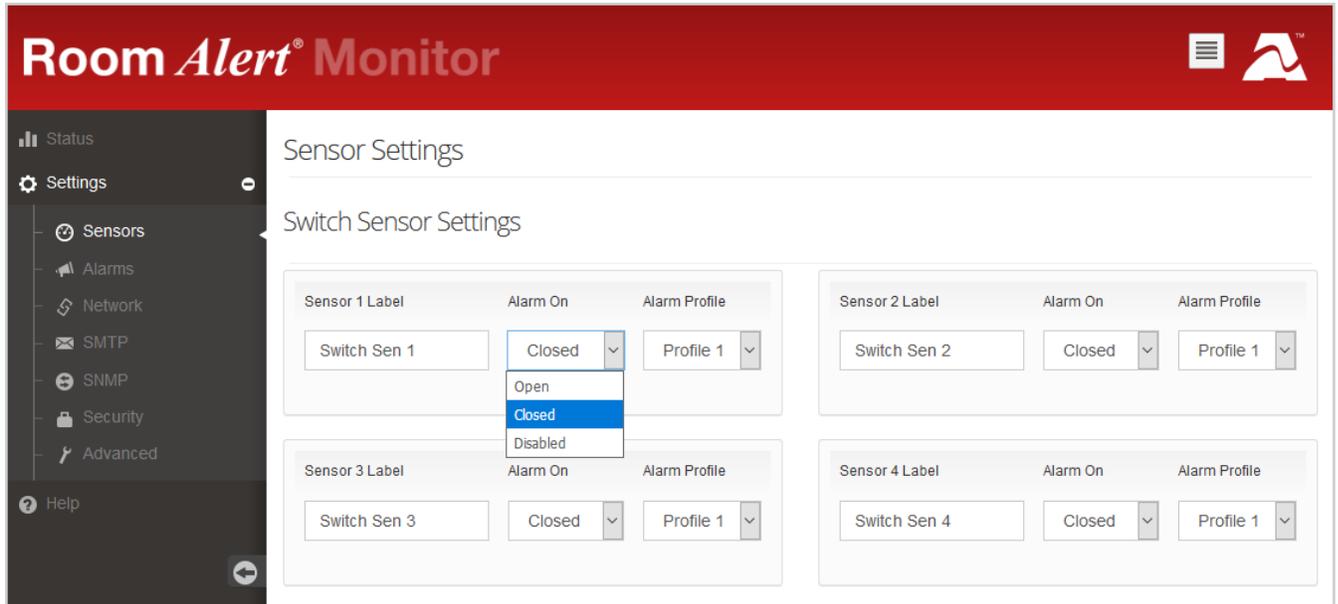
### Sensor Features & Specifications

<b>Environment Condition Monitored</b>	Presence/absence of liquid
<b>Type Of Sensor</b>	Switch
Normal State	Closed (Liquid not detected)
Alarm State	Open (Liquid detected)
<b>Power Supply</b>	9V alkaline battery
<b>Sensor Cable Type</b>	Low-voltage two-wire cable
Included	Yes
Length	25'
Maximum Extendible Length	900'
<b>Compatible Products</b>	Any Room Alert model or Wireless Sensor Hub

### Configure Your Switch Sensor

#### Use Room Alert Monitor's Built-In Web Interface

Navigate to **Settings** → **Sensors** in your Room Alert Monitor's web interface. The options you see below will vary depending on your Room Alert model.



1. Scroll down to *Switch Sensor Settings*.
2. Find the switch sensor label that matches the port you connected your switch sensor to. For example, if you used the first switch sensor port on your Room Alert Monitor, look for *Sensor 1 Label*; if you used the second, look for *Sensor 2 Label*, and so on.
3. In *Sensor X Label*, you may leave the default, "Switch Sen X," or enter something more descriptive. Room Alert "E" models accept up to 15 characters, including only letters, numbers, spaces, hyphens (-), underscores (\_) or periods (.). Room Alert "S" models accept up to 30 characters, including the above and special characters, like ampersand (&).
4. In *Alarm On*, select the alarm state (**Open** or **Closed**) for your switch sensor. You may find the alarm state of your switch sensor under the *Features & Specifications* section of this Installation Note.
5. In *Alarm Profile*, which controls light towers and relays on your Room Alert Monitor, you may leave the default, **Profile 1**, or choose another profile from the drop-down menu.
6. Select **Save Settings** at the top or bottom of the page. Your Room Alert Monitor will automatically reboot and commit your changes.