Sensor Wiring & Software Setup

Hydrawise® Software supports standard open/closed contact rain sensors and soil moisture sensors. In fact, you can use any generic type of sensor that has an open/closed contact.

These sensors use two wires and are usually labeled as normally open (sometimes called NO) or normally closed (sometimes called NC).

A rain sensor is usually used to suspend watering cycles for a zone (or zones). However, you can also create your own custom sensor types to start irrigation or for other advanced applications. See Creating a Custom Sensor [1] for more information.

Sensor Types	Description
Rain Sensor (Normally Open)	A standard rain sensor (use this if you have wired the rain sensor's normally open wire to the controller)
Rain Sensor (Normally Closed)	A standard rain sensor (use this if you have wired the rain sensor's normally closed wire to the controller)
Soil Moisture Sensor (Normally Open)	A standard soil moisture sensor (use this if you have wired the soil moisture sensor's normally open wire to the controller)
Soil Moisture Sensor (Normally Closed)	A standard soil moisture sensor (use this if you have wired the soil moisture sensor's normally closed wire to the controller)

Wiring

1. Route the **WIRES** from the rain sensor up through the same conduit opening used for valve wiring.
2. Connect the first wire to the terminal labeled **SEN** and the second wire to the other **SEN (COM)** terminal.
3. See the chart below for wiring configurations for standard rain sensors.

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NOTE: HPC Controllers with date codes of JAN 2023 and newer include two sensor inputs. The SEN-SEN terminals from the original HPC Controllers have been split into SEN and SEN 2 to allow for two separate sensor installations (i.e., flow meter + rain sensor). Sensors now wire separately across the Common terminal (COM).

Software Configuration

To configure a sensor in the Hydrawise Software, follow the steps below.

1. Sign in to your **HYDRAWISE** account. [2]
2. Click the ( ) icon in the upper left.
3. Click **SENSORS**.
4. Create a new sensor by clicking **ADD SENSOR TO CONTROLLER.**
5. Choose the **SENSOR NAME.**
6. Choose the **TYPE OF SENSOR** (most Hunter sensors are normally closed).
7. Change the controller input to **SENSOR 1 or SENSOR 2.** If you have an HPC model with date code of January 2023 or newer, then select **SEN** or **SEN-2.**
8. Click **NEXT**.
9. Select the **ZONES** that you want the sensor to shut down when triggered.
10. Click **OK**.