



**Wiring Example:**

A switch type sensor can be used to toggle the state of the Digital Input ports logic high or logic low. The change in state can be used to trigger an alarm event. Switch type sensors can be powered from the IO HUB's VDC Output (12VDC) or using an external battery or power source. This wiring example shows a line-powered switch type sensor drawing power from the IO Hub's VDC Output.

Connect 12V supplied by the VDC Output (+/-) to the Digital Input HI/COM to establish the Digital Input circuit's reference voltage.

**4-wire Sensor (RLY1/RLY2/VDC/GND)**  
 When water is detected, the sensor's internal relay switches and opens the circuit changing the state of the Digital Input port #1 from Logic LOW (no water detected) to Logic HIGH (water detected).

Line-Powered (4-wire) Water Detection Sensors

Smart IO Hub Digital Input	4-Wire Switch-Type Sensor			
	Wiring Example			
Synaccess LLC	Phase	Encl/Outlets/FF	DRAWN BY VM	REV V1.1
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