

	Definition	Process	Concept	Notes
Potentiometer	User manually configures the sensitivity with the potentiometer.	<ol style="list-style-type: none"> 1. Turn potentiometer counter-clockwise to minimum sensitivity. 2. Present the light sensing condition, and turn the potentiometer slowly clockwise, until the alignment indicator comes on. This is setting #1. 3. Present the dark sensing condition, and turn the potentiometer clockwise, until the alignment indicator comes on. This is setting #2. 4. Adjust the potentiometer to approximately midway between these two settings. 	<p>User determines operating sensitivity between light and dark thresholds</p>	If the potentiometer can be advanced to maximum sensitivity, without the alignment indicator coming on for the dark sensing condition, then leave it in this position for operation. This takes advantage of the maximum available excess gain.
SET Mode	User presents a single condition and the sensor automatically determines the switch point above or below the presented condition.	<p>Present the dark sensing condition, and press the SET button. This is the only input.</p> <p>The sensor automatically sets the operating sensitivity below the switch point threshold for the dark condition.</p> <p>The single user input can be either the dark, light, background object, or known good condition</p>	<p>Operating sensitivity setting automatically set by sensor</p>	<ul style="list-style-type: none"> • Some SET mode sensors allow manual refining of the threshold level, if necessary. • SET mode functions may be different based on sensor type and application.
TEACH Mode	Sensor's microprocessor optimizes sensitivity adjustment between two user-set reference points.	<ol style="list-style-type: none"> 1. Press and hold the TEACH button to enter the TEACH mode. 2. Present the Output ON condition, and single-click the TEACH button. This is input #1. 3. Present the Output OFF condition, and (again) single-click the TEACH button. This is input #2. 4. The sensor automatically sets the operating sensitivity, and returns to RUN mode. 	<p>Operating sensitivity setting automatically set by sensor</p>	<ul style="list-style-type: none"> • Some sensors allow for manual adjustments of the operating sensitivity, after the TEACH process. • TEACH mode functions may be different based on sensor type and application.