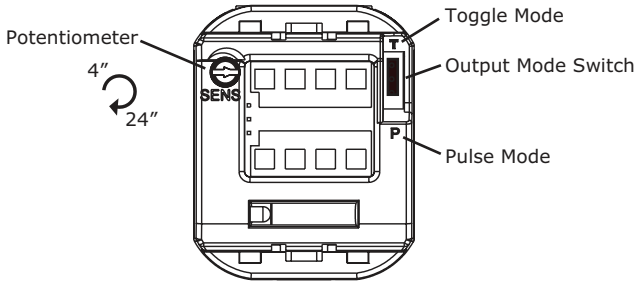
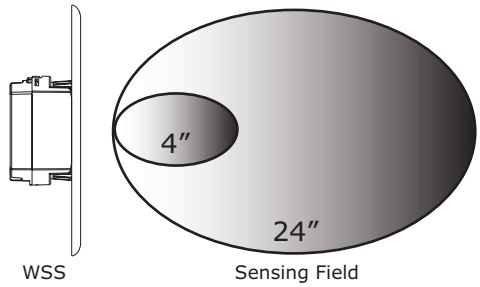
4 Installation/Wiring/Setup (Continued)

3 Setup





1. Adjust unit to desired setup. Two adjustments can be made to the sensor. The Potentiometer is used to adjust the size of the units' sensing field and the Output Mode switch is used to select Toggle or Pulse mode.

2. Rotate potentiometer clockwise to increase the sensing field. It may be adjusted from 4″ to 24″.

3. Adjust Output Mode by moving switch in the up position (Toggle Mode) or in the down position (Pulse Mode).

Toggle Mode: Recommended for switch applications. In Toggle mode a detection activates the relay and a second detection deactivates the relay.

Pulse Mode: Recommended for automatic door applications. In Pulse mode a detection activates the relay for a short period of time - depending on the duration of movement in front of door.

5 Troubleshooting

1 Troubleshooting Procedures

PROBLEM	PROBABLE CAUSE	CORRECTIVE ACTION
Door does not open when swiping hand in front of sensor.	1. Bad or no power supply. 2. Detection range is too small. 3. Wrong connection.	1. Check power supply. If LED switches on or flashes, power connections are OK. 2. Adjust the detection range. Remove any metal plates in front of sensor. 3. Check wiring and relay connection.
Door remains permanently open.	1. Environmental conditions are influencing the sensor. 2. Wrong connection.	1. Remove any moving objects close to the sensor. 2. Check wiring and relay connection.
The door remains open after detection/activation	1. Wrong output mode. 2. Wrong connection	1. Switch the output mode to Pulse mode. 2. Check wiring and relay connection.

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