



# INSTRUCTION SHEET

## Capacitive Bin Level Sensor

# AXB991002



## System Contents

ID	Part number	Part description	Qty
A	AWR991002	Capacitive Sensor with Lock Nuts	1
B	AFG000002	Grommet	1
C	WLZ024001	24V Red Strobe Light	1
D	WCW000001	AC Cord	1
E	WPA000001	Power Adapter	1
F	WCG016031	.16-.31 Cord Grip	1

Please unpack the parts carefully and confirm you have received each item listed here.

## You will need the following:

- Power Drill
- 15/16" drill bit
- Measuring Tape

## Optional:

- Anchors
- #10 Screws
- #10 Washers
- #10 Nuts
- Hook and Loop Tape
- Double-sided Tape

# Installation Instructions

- 1 If your collector has a pre-punched 15/16" hole, proceed to step 2.

Drill and de-burr a 15/16" hole into your collector's primary dust bin container.

*Note: The sensor can be installed vertically or horizontally as shown in [FIG 1a]. Its position will determine when the fill alarm is triggered.*

*When installed vertically, the sensor should be installed halfway between the container's inlet and the edge of the lid. (Minimum 3 inches from both) [FIG 1b].*

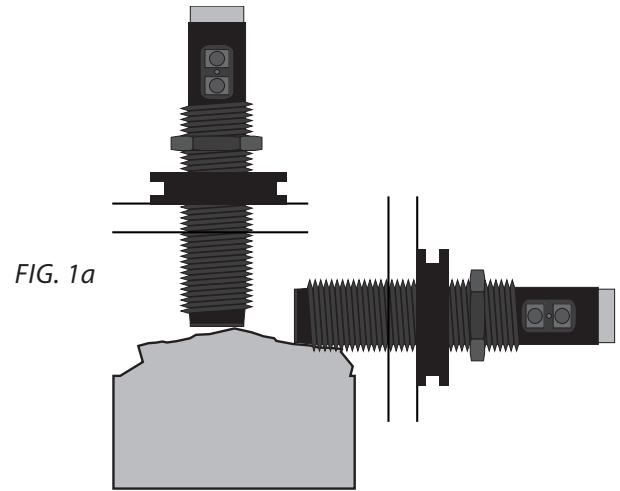


FIG. 1a

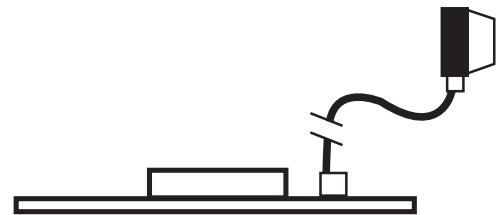


FIG. 1b

- 2 Insert the Rubber Grommet (B) into the 15/16" hole. [FIG 2].



FIG. 2

- 3 Twist the first nut so that it is positioned 0" to 1/4" from the sensor's buttons. Unscrew the plastic lock nut from the bottom of the sensor. Insert the sensor through the installed Rubber Grommet (B). [FIG 3].

*Note: The second nut can optionally be installed inside the container to prevent the sensor from being pulled out.*

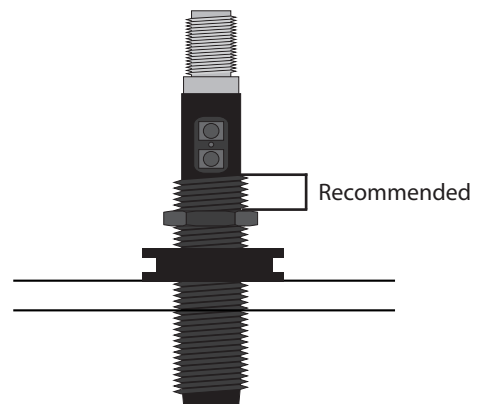


FIG. 3

# Installation Instructions (Continued)

**4** The sensor is pre-calibrated for the system, however, if the sensor's calibration is off due to material build-up on the sensor, or accidental button presses, follow these steps to re-calibrate the sensor:

- a. Empty the container.
- b. Ensure that there is power to the sensor.
- c. Press and hold the OUT OFF button until the sensor's LED indicator slowly flashes.
- d. Release the button after a maximum of 6 seconds and the LED will extinguish.
- e. If the sensor does not react proceed to Step 4, then repeat steps a-f.

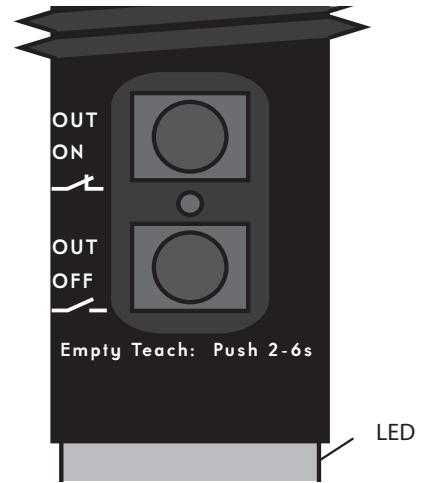


FIG. 4

**5** If you are unable to calibrate the sensor, that means that the unit is in locked mode. Toggle the lock mode by pressing and holding the OUT OFF and ON OUT buttons simultaneously for 10 seconds. The sensor's LED indicator will flash once to indicate that the mode has been locked/unlocked.

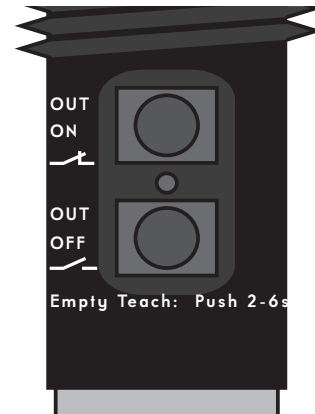


FIG. 5

**6** Optional:

The strobe light can also be mounted in a fixed position if you so choose. There are two #10 dia. mounting holes on either side of the light for your convenience. You can also mount the light using adhesive affixed to the back of the light. [FIG 5].

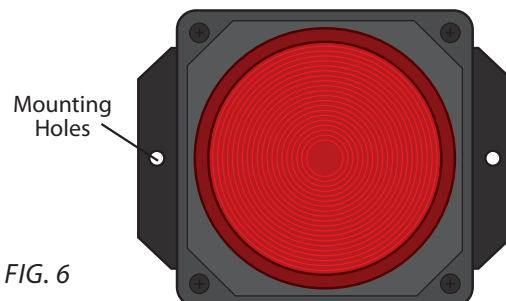


FIG. 6