

Hopper Alarm

Description



The optional Plastore Hopper Alarm provides an audible and visual alarm when the material level in a hopper reaches a low level.

Installation

1. **Mount the alarm** near the hopper to be monitored, in a position that is easily visible to the production machine operator.
2. **Install the Level Sensor** by drilling or punching a 45/64" hole in the hopper, at a point representing a 10% to 20% capacity point. Install the sensor with ¼ (or more) of the sensor's length extended into the hopper. The sensor is a capacitive type sensor that senses the presence of material around it, so do not mount the sensor with the tip close to the walls of the hopper.

3. **Connect** the sensor to the sensor cable, and the power cord to a 110 VAC power source.
4. **Adjust the Level Sensor Sensitivity.** Manually fill the hopper with enough material to just cover the face of the sensor. With the small screw driver supplied, turn the sensitivity adjustment screw to its fully counter-clockwise position (least sensitive position), then slowly turn the sensitivity screw clockwise, until the indicating light on the sensor illuminates.

Operation

When the material in the hopper drains to the level of the sensor, a buzzer will sound, and a flashing, red dome light will light.

Pressing the "Acknowledge" button will silence the buzzer, but the flashing red light will continue to flash until the hopper is refilled.