

# Monitors and Automatically Alarms as Vessel Levels Change

## Works with a Variety of Point Level Indicators

- Diaphragm / Pressure Switch
- Rotary Paddle
- Tilt Switch
- Capacitance Probe
- Vibrating Rod

The BinMaster Point Level Alarm Panel is designed to alert the user to vessel level conditions via a blinking LED light and an audible alarm, saving time and eliminating the need to manually inspect vessel levels. Level

indicators – such as a diaphragm switch, rotary paddle, tilt switch, capacitance probe or vibrating rod – are placed strategically at desired points in each vessel, enabling the user to be automatically notified when a bin reaches a full, partially full, or empty level. The alarm panel can also be connected to an external horn or common alarm to provide alert status from a variety of locations throughout a facility.

The alarms are activated as product comes into contact with the level indicator or falls away from a level indicator. These alarms cause the LED light to blink and an audible alarm to sound from the panel. When the user presses the “acknowledge” button, the LED stops blinking and turns solid. When the material in the bin drops below the level indicator



as a vessel is emptied or comes back into contact with the level indicator as a vessel is filled, the LED on the panel goes out altogether and the panel automatically resets – and is ready to receive the next alarm signal.

Consolidating information at a convenient centralized location, the Point Level Alarm Panel is available with four to 24 vessel level indicator stations, making it capable of monitoring high and low status for two to 12 separate vessels from a single panel. If desired, an alarm panel may be configured for more than two readings from a single vessel, such as to add a partially full status to be read from additional level indicators placed at other points on a vessel.

## Point Level Alarm Panel

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# Automatic Notification of Vessel Levels



- Monitors full, partially full, or empty status from four to 24 level indicator stations and sends alerts to operators via a blinking LED light and audible alarm
- Can be used with a variety of level indicators including diaphragm switches, rotary paddles, tilt switches, capacitance probes and vibrating rods
- Easy-to-read LED panel features high and low bin level alarms, power status and acknowledge button
- NEMA 4X enclosure is suitable for harsh environments and outdoor locations

## BinMaster Level Indicators Include:



**Diaphragm Switch**



**Rotary Paddle**



**Tilt Switch**



**Capacitance Probe**



**Vibrating Rod**

**Alerts to Full, Partially Full or Empty Vessel Levels**

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### Point Level Alarm Panel Specifications

Input Voltage	115 VAC +/- 10%, 50 / 60 Hz, 3 VA
	230 VAC +/- 10%, 50 / 60 Hz, 3 VA
	24 – 48 VDC, 2 W maximum
Relay	SPDT 2A 240 VAC
Enclosure	NEMA 4X
Number of Indicator Stations	4, 8, 12, 16, 20 or 24
Operating Temperature	-4° to +158°F (-20° to +70°C)
Warranty	One year