

# BMRX-200 Rotary Level Indicator



## ROTARY LEVEL INDICATOR WITH PCB & DPDT SWITCH

The new BMRX-200 is the second model in the redesigned line of BinMaster rotary level paddle switches. Like all BinMaster rotaries, the BMRX-200 alerts to vessel levels in solid materials with a bulk density of 2 lb. to over 100 lb./cu. ft. However, a few additional features like a PCB, a DPDT relay, and fail-safe high and low give you a bit more flexibility and options over the BMRX-100.



## NEW BINMASTER FEATURE!

Enclosure rotates to point conduit entries down upon installation. Protect internal components from moisture and extend service life.

## FAIL-SAFE RELAY OUTPUTS

The BMRX-200 relay outputs are designed to be "fail safe" in case of power failure. If power fails to the rotary, the relays will default to the output deemed "safe" for a high-level or low-level indicator application. Fail-safe high and fail-safe low switching output offered a bit more flexibility over the BMRX-100.

## TWO-SWITCHING OUTPUTS

A DPDT relay in the BMRX-200 allows the user to set up two switching outputs, instead of one like the SPDT switch on the BMRX-100. This switch can control two separate circuits and can be set to one of two locations for each circuit. For example, one switching output in the BMRX-200 can be set for a covered condition and the other can be set for an uncovered condition.

## DETECT HIGH OR LOW LEVELS

Use the BMRX-200 as a high-level alert to prevent overfilling vessels by mounting it near the top of the bin. When the paddle is covered, it will send a relay. Or prevent material shortages and product stoppages,

using the BMRX-200 as a low-level alert. Mount it near the bottom or in the cone of the vessel to alert when an uncovered condition occurs.

## ON-BOARD PCB

The BMRX-200 has a PCB versus a simple switch like the BMRX-100. This PCB allows the BMRX to add a DPDT relay and a fail-safe high and fail-safe low feature to the performance of the rotary.

- Motors made by BinMaster in the USA
- Interchangeable with other rotaries
- Easy-open, screw off cap
- Easy 3/4" NPT wiring access



## INDUSTRIES FOR BMRX-200

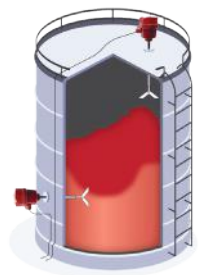
**Agriculture:** Bins containing grain, seed, feed, fertilizer, or bulk ingredients.

**Construction:** Concrete and cement batch plants, silos of footing granules.

**Mining:** Sand, gravel, aggregate, coal storage, and surge bins.

**Plastics:** Detect the level of plastic pellets in silos or hoppers.

**Bulk solids:** Wood pellets, chemicals, food, and more.



## ALERTS VIA LIGHT OR HORN

Wire the BMRX-200 to a light or horn to alert to a full or empty condition. Or wire it to shut off a process, such as stopping a grain leg or conveyor, when a vessel is full.



## ADAPTABLE TO MANY BULK SOLID MATERIALS

With a wide selection of paddles, the BMRX-100 rotary adapts to light, medium, and heavy weight materials. Use one of BinMaster's collapsible paddles to avoid entering the vessel when you install or replace the rotary. Add a stainless-steel process connection to ensure durability in corrosive or caustic materials.



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