ROTORY PADDLE SWITCH

Point-level detection in solids

Want to prevent overfilling bins and dry runs in processing operations?

The new BMR-100 rotary is an affordable level switch to alert to vessel levels in solid materials with a bulk density of 2 lb. to more than 100 lb./cu. ft. It offers simple, electromechanical measurement for ordinary storage and processing operations. The BMR-100 rotary is generally wired to a light or horn to alert to high or empty levels.

A rotary paddle switch is used across many process industries. Some of the more common industrial applications include:

> Agriculture for storage bins containing grain, seed, feed, fertilizer, or bulk ingredients.
> The construction industry storage silos for concrete, cement, or roofing granules.
> Mining and minerals such as sand, gravel, aggregate, coal storage, and surge bins.
> Plastic molding operations to detect level of plastics pellets in silos or hoppers.

This versatile level indicator is offered with a wide range of accessories. There are 19 different paddles for light, medium, and heavy bulk solid materials. Collapsible paddles are convenient for installation without entering the vessel. Carbon and stainless-steel mounting plates options come in 0°, 10°, 20°, and 30° angles for top mounting on sloped roofs.

Point-level alarm panels display vessel level conditions via a blinking light and an audible alarm with up to 24-level indicator stations. Quick-disconnect accessories can be added to replace hard wiring. They make BMR-100 easy to install and remove for cleaning, maintenance, or replacement. An adjustable top mount allows you to change the high-level threshold simply using an adjustable coupling that can be moved up and down a 72" shaft.