



FOR IMMEDIATE RELEASE

Media Contact: Jenny Christensen, Director of Marketing  
Phone: 402-434-9102 / 800-278-4241  
Email: [jchristensen@binmaster.com](mailto:jchristensen@binmaster.com)

## BinMaster Introduces Vibrating Rod Level Indicator for Hazardous Locations



(Lincoln, Nebraska—November 14, 2012) BinMaster Level Controls of Lincoln, Nebraska, USA announces the introduction of the standard VR-21 vibrating rod level sensor and solid extended VR-41 vibrating rod level sensor with approvals in the US and Canada to CSA standards for Class II, Division I, Groups E, F, and G for hazardous locations. Enclosure type certifications for these models include NEMA 4X, 5 and 12. This vibrating rod level switch is used to detect high-, mid- and /or low-level in bins, silos and hoppers containing powders or dry bulk solid materials.

BinMaster's single-rod probe design features a sword-shaped probe that resists bridging of material that can occur with tuning forks designs. This piezoelectric-driven vibrating rod has very low energy, so it won't "dig a hole" and cause a false alarm. It features three sensitivity settings and can reliably detect very light materials with bulk densities down to 1.25 lb./ft.<sup>3</sup>. It has dual conduit entries for easy wiring, an LED status indicator light to indicate sensor status and a switch-selectable high/low fail-safe. The VR-21 model has a standard 7.37" probe and can be used for low-, mid- and high-level detection. The VR-41 is used for high level detection and is mounted on the top of the bin. It features a rigid, extended probe that can be custom made in lengths up to 13'.

"Hazardous location approvals are a requirement for sensors used in many facilities in the United States and Canada," stated Todd Peterson, vice president of sales for BinMaster. "Attaining hazardous location approvals on the BinMaster VR-21 and VR-41 vibrating rods provides facilities another option when they need a level indicator to use in dusty environments."

### About BinMaster

BinMaster is a division of Garner Industries – an ISO 9001:2008 certified company established in 1953 and headquartered in a 75,000 square foot manufacturing facility in Lincoln, Nebraska, USA. BinMaster is strategically focused on designing, manufacturing and marketing reliable, proven sensing devices for the measurement of bulk solid and liquid materials for the feed and grain, food, plastics, pulp & paper, power, mining, and concrete industries. The BinMaster product line is sold worldwide and features many diverse technologies for bin level indication and measurement, being well known for its SmartBob2 and 3DLevelScanner advanced inventory management solutions. For more information about BinMaster, visit [www.binmaster.com](http://www.binmaster.com).

# # #