

## Article - Press Release



## BM-25 DIAPHRAGM SWITCH

### BinMaster unveils sensor for non-hazardous, free-flowing dry materials

By Jenny Nielson Christensen, MBA, Vice President of Marketing, BinMaster

Climbing ladders to check bin levels is stressful. Repeatedly checking to see if bins are full is tiresome. BinMaster recently unveiled a new sensor to solve these common issues.

The BM-25 bin level indicator provides a new way to manage materials in bins or silos. It alerts operators to high or low levels or when chutes or conveyors are clogged. It is a simple and convenient way to stop overflowing product or wasting valuable material in the bottom of a bin. BinMaster eliminates the need to stop and ask, "Is a bin full yet?"

Ideal for bins and silos, the BM-25's simple mechanism activates a sensitive micro-switch to indicate when material reaches the level of the switch in the bin. The pressure switch alerts when it senses high or low levels.

Typically, it is wired to a light, horn, or alarm panel. The switch has a silicone diaphragm and is enclosed in a nylon housing, designed to increase durability. There are models to mount internally or externally.

Its corrosion-free polymer construction is perfect for ag cooperatives or any business storing dry bulk solids. It provides monitoring levels of material like corn, soy, wheat, milo, wood, plastic, crops, rice, powders, landscaping materials, and aggressive chemicals like fertilizer pellets.

The BM-25's goal is to answer the long-asked question, "is it full yet," with an affordable and convenient solution. Farmers and ag workers are now safer, by eliminating repeated climbing to measure material. The BM-25 Diaphragm switch takes the guesswork out of material management and is a better way to utilize manpower.

A Midwest grain elevator, operations manager says "This high-level switch is a real time saver. We don't need to keep checking to see if the bins are full. No more overflow, no wasted product, and no more asking if its full!"



## Sensors and software for YOUR industry

Industry	Bulk Material	Sensors	Software	Applications
Agriculture Farming Livestock	Grain Flour Beans Fertilizer Seed Liquids  Bins, silos, tanks, piles, domes	Rotary level indicator Capacitance probe Vibrating rods Diaphragm switch Tilt switch Radar SmartBob 3D sensors Ultrasonic Flow detector	BinCloud BinView AgriView Binventory FeedView 3D Multivision	Prevent overflows Process control Inventory management Remote monitoring Monitor piles Flow detection Bin aeration Dust detection Aeration Ag Chemical Storage
Bioenergy	Corn DDG Biomass Wood pellets Wood fiber Forest residue  Bins, silos, tanks, piles, domes	Rotary level indicator Capacitance probe Vibrating rods Diaphragm switch Tilt switch Radar SmartBob 3D level scanner Ultrasonic Flow detector	BinCloud BinView Binventory 3D Multivision ResinView	Prevent overflows and outages Process control Inventory management Remote monitoring Flow detection Slurry tank detection Measure DDGS
Cement	Sand Gravel Clinker Rock Powder  Bins, clinker silos, tanks, piles, domes, chutes, crushers	Rotary level indicator Capacitance probe Vibrating rods Diaphragm switch Tilt switch Radar SmartBob 3D level scanner Ultrasonic sensor Flow detector Plugged chute detector Airbrator Diffuser air pad	BinCloud BinView Binventory 3D Multivision CementView	Prevent overflows and outages Process control Inventory management Remote monitoring Monitor piles and bunkers Inventory domes Plugged chutes Measure crusher levels ESPs or clinker silos Prevent conveyor overloads Silo aeration
Food processing	Brewing Foodstuffs Solids Slurries So much more...  Silos, mixers, batching tanks, conveyors, pipelines	Rotary level indicator Capacitance probe Vibrating rods Diaphragm switch Tilt switch Radar SmartBob 3D level scanner Ultrasonic sensor Flow detector Airbrator Diffuser air pad	BinCloud BinView AgriView Binventory 3D Multivision	Prevent overflows Inventory management Remote monitoring and VMI Process control Sanitary level measurement Detect levels in mix or slurry tank Detect levels on conveyors Flow detection Silo aeration
Mining	Lump coal Ores Aggregates Fine alumina powder  Silos, crushers, conveyors, domes	Rotary level indicator Capacitance probe Vibrating rods Diaphragm switch Tilt switch Radar SmartBob 3D level scanner Ultrasonic sensor Flow detector Airbrator Diffuser air pad	BinCloud BinView Binventory 3D Multivision CementView	Inventory management Monitor piles Prevent overfills or outages Detecting plugged chutes Measuring inventory in domes Level measure in crushers or bins Prevent overloading Process tanks Remote monitoring Silo aeration Dust detection
Plastics	Resins Flakes Powders Granules Regrind  Silos, bins, containers, hoppers, tanks	Rotary level indicator Capacitance probe Vibrating rods Diaphragm switch Tilt switch Radar SmartBob 3D level scanner Ultrasonic sensor Flow detector Airbrator Diffuser air pad	BinCloud BinView ResinView Binventory 3D Multivision	Prevent silo overflow Eliminate outages Inventory management Remote monitoring Vendor managed inventory Flow detection Bin Aeration Dust Detection