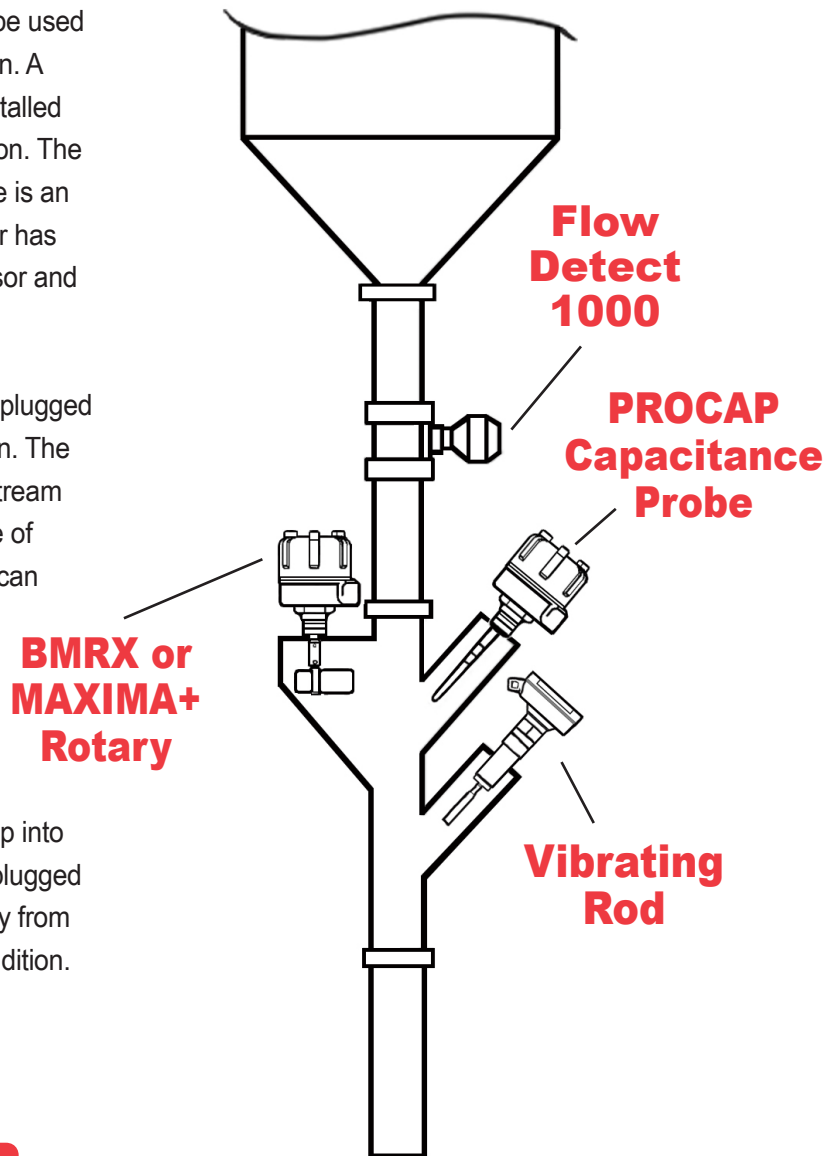


Plugged Chute Detection

BinMaster offers a variety of devices that can be used to detect plugged chutes in a process operation. A non-intrusive, flow detection sensor can be installed on the chute to detect a flow or no flow condition. The BinMaster Flow Detect 1000 can detect if there is an alert condition, flow status has changed, power has been lost, or communication between the sensor and the control console has been interrupted.

Point level devices can also be used to detect plugged chutes when properly installed in an application. The device must be mounted away from the flow stream and in a manner that it will detect the presence of material only during a plugged condition. This can be achieved by installing a pipe Y and then mounting the device in the leg of the Y. A rotary level sensor, capacitance probe, or vibrating rod can be used to detect when the chute is clogged. These devices can send an alert when the flow stops and material backs up into the Y detecting a no flow condition. Once the plugged chute condition is corrected, material falls away from the device and there is no longer an alarm condition.



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