

Protect Pumps with In-Line Fluid Detection

The Problem:

- Progressing cavity pumps are used for transporting heavy slurries and fluids with high solid content.
- These pumps require a constant supply of fluid for lubrication.
- If the pump runs dry, the internal components and motor can be damaged requiring expensive repairs and costly downtime.
- Most level switches used to indicate a loss of fluid require insertion into the flow stream, which contributes to plugging.
- Coatings and damage from solids will cause most level switches to fail.



The Solution:

- The Drexelbrook ClearLine™ sensor mounts flush with the inside of the pipe and does not interfere with the free flow of fluid.
- Sensors are robust, industrial designs to stand up to this punishing installation.
- There are no moving parts to wear out or hang up.
- Cote-Shield circuitry eliminates false alarms due to coatings.
- ClearLine switches are pre-calibrated at the factory and are not affected variations in density or conductivity.

Other Solutions:

- Storage Tanks Measurements
- High Level / Low Level
- Spill Prevention

Typical Uses:

- Continuous Level
- Point Level
- Waste Management
- Inventory Management
- Overfill Protection
- Regulatory Compliance

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