

Material Level In Plastic Pellet Storage Silo

The Application

Absence/presence indication for low, high, and mid material levels in Plastic Pellet bulk storage silos.

The Problem

Many facilities use Paddle Wheels to indicate presence or absence of material in storage silos. The moving parts of a paddle wheel are subject to wear and jamming making them unreliable in many installations.

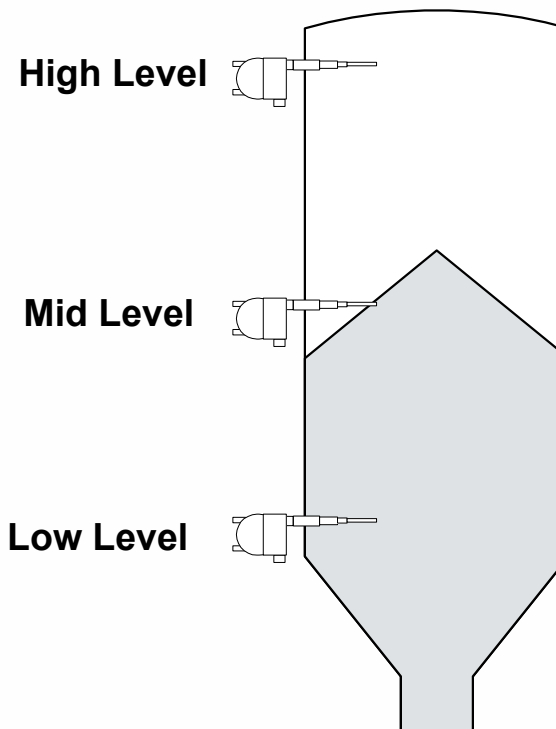
The Solution

AMETEK Drexelbrook installs Z-Tron III™ RF point level switches in the silo. The RF switches have no moving parts to wear or jam. The cote shield™ circuitry of the Z-tron III ignores build up and coatings of material on the sensing element allowing them to operate in the most severe installations.

Benefits

- Reliable indication of material level in storage silo.
- No moving parts to wear out or jam.
- No motor burnouts.
- No routine maintenance required.
- Low cost of ownership Vs Paddle Wheels

*Consult factory for higher temperature or pressure.



Plastic Pellet Level In Bulk Storage Silo

Other Solutions:

- Filler Silo Storage
- Receiving Bins
- Spill Prevention
- High & Low Level Alarm
- Cyclone & Dust Collectors

Typical Uses:

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

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