

Electro-Sensors Product: SS110 Slow Speed Switch, 906 Sensor, and 255 Pulser Disc

Application: Detect slow-down/stoppage of very slow speed shaft of chain/flight drives, caused by debris.

Purpose: Provide fast and accurate detection of shaft slow-down of rotating flighted drag chain used to scrape the bottom of clarifier tanks to prevent conveyor damage or stoppage leading to costly downtime and repairs.

How it works: Flighted chain scrapers, continuously dredge settled sludge off the bottom of clarifier tanks. The flights and chains are known to become clogged by debris, such as branches and garbage that float into the water stream, which can damage the rotating shafts, chain and flights. The SS110 will provide immediate warning of slow-down, prior to any damage of chain and flights.

Benefits

- Rugged and reliable shaft speed slow-down detection
- Prolong the life of the drag system chain and flights
- Prevent costly downtime and repairs



Clarifier Tank – Sludge Removal – Chain and Flight Drags