

**Electro-Sensors Product:** DR1000 Speed Switch, 906 Sensor, and Split Collar Pulser Wrap

**Application:** Detect slow-down/stoppage of screener shaft, caused by debris.

**Purpose:** Provide fast and accurate detection of shaft slow-down of rotating conveyor screens, caused by debris clogged screens. Debris clogging can lead to system damage.

**How it works:** Water passes through a continuous perforated conveyORIZED screen. The screener acts as an inverted conveyor, and the screening medium removes grit and debris from a flow of channel water. Debris can clog the screeners, which slows the rotating drive shaft. The DR1000 will provide immediate warning of slow-down, prior to any damage of screener.

### Benefits

- Rugged and reliable shaft speed slow-down detection
- Prolonged life of screening systems
- Prevents costly downtime and repairs

