

**Electro-Sensors Product:** M100T Shaft Speed Switch and Pulser Disc with EZ-100 Mounting Bracket and Stainless Steel Disc Guard

**Application:** Shaft speed slowdown detection

**How it works:** The M100T is a self-contained shaft speed switch with an integrated sensor and switching electronics housed in a heavy duty, explosion proof and waterproof cast aluminum enclosure. The M100T has a single programmable relay (from 5 to 100 rpm) for underspeed protection. Upon shaft rotation the pulser disc generates a frequency, which the M100T compares to the pre-calibrated setpoint. In the event of rotational slowdown or failure caused by a broken drive, belt slippage or overload, or product clogs, the relay can be used to provide an alarm or equipment shutdown.

### Benefits

- Rugged and reliable system
- UL approved for class 1 and 2 locations
- 5-year warranty
- Simple to install and calibrate
- Suitable for hazardous locations
- Proactive machinery protection

