

M750 MICROPROCESSOR CONTROLLED SPEEDSWITCH



M750 SPEEDSWITCH

APPLICATION

Protects rotating equipment from dangerous underspeed conditions, elevator legs, conveyors, grinders, mixers, fans and all rotating machinery.

The inductive sensing device, located in the nose of the M750 detects a rotating metal target on a shaft. An easy installation 'Whirligig' combined target/bracket/guard option is available.

If the machine speed falls by 20% below its nominal RPM, the M750 provides an output signal for alarm or shutdown of the machinery.

The normally open relay contact closes on power up and opens when a 20% underspeed condition is detected.

FEATURES

- Single set point at 20% underspeed
- Non contacting and fail safe
- Output - One voltage free relay contact
- Universal voltage
- Universal speed range - 10-3600 PPM
- Magnetic calibration - Microprocessor accuracy
- User adjustable start-up delay - 0-60 seconds
- Dust proof and watertight - IP65. Totally encapsulated & submersible
- Hazardous area approved - ATEX Ex II 2DT100°C



ACCESSORIES

- Pt. No. **WG2-BR** - See 'Whirligig' combined Target/Bracket/Guard
- Pt. No. **WG4-BR** - See 'Whirligig' combined Target/Bracket/Guard

PART NUMBERS / VOLTAGE

M7501V10A - 24-240V AC and 12-240V DC

Detailed specification, wiring diagrams and installation/operating instructions available immediately upon request.

