

## Enhanced Speed Monitoring Utilizing Watchdog™ Elite Control Units

### APPLICATION

In order to further enhance the speed monitoring function, installations which are using M800 Elite Speed Switches for monitoring belt slip conditions can utilize Watchdog™ Elite control units. The control unit connected to the M800 Elite will provide many benefits including high clarity speed display, message center display, status LED's and simple testing and verification of underspeed set-points. The Watchdog™ control units can also be connected via the inbuilt RS485 communication to the Alarm Log / Print PM Software.

New installations can use the lower cost P800 Proxswitch instead of the M800 Elite Speed Switch.

Mounting of either M800 Elite or P800 should be with a Whirligig® (combined target/bracket/guard) and optional Mag-Con™ (magnetic connector)

### FEATURES

- ▶ High Clarity Speed Display shows RPM or Belt Speed
- ▶ High clarity message center shows speed % and machine running / alarm status
- ▶ Acceleration monitoring during start-up
- ▶ Password protected calibration
- ▶ User adjustable password protected underspeed set-points. (0% to 10% alarm, 0% to 20% shutdown)
- ▶ Ability to add belt alignment and bearing temperature monitoring when required
- ▶ Ability to connect to Alarm Log / Print PM software


### PART NUMBERS/ACCESSORIES

- ▶ WG1-4B-4 Whirligig® with 4 Targets
- ▶ MAG2000 Mag-Con™ Magnetic Connector
- ▶ WDC3NV46C Watchdog™ Control Unit
- ▶ M8001V10C M800 Elite Speed Switch (Multi-Voltage)
- ▶ P8001V34FC ProxSwitch P800 NPN/PNP Transistor

Whirligig® (with Mag-Con™) and M800 Elite Speed Switch (or P800 ProxSwitch)

Watchdog™ Elite Display & Control Unit



	M800 Elite & P800: Class II Div 1 Groups E, F & G
	Watchdog Elite: Class II Div 1 Groups E, F & G (Canada) Class II Div 2 Groups E, F & G (U.S.)



**Mag-Con™ Magnetic Connector  
(Optional Accessory - Whirligig)**

Whirligig: U.S. Pat # 6,109,120  
Mag-Con: U.S. Pat # 6,964,209