



## Speed Switches

line of speed switch sensors include: proximity, inductive, zero speed, stop motion and rotech encoders to monitor dangerous belt slip, underspeed or stop conditions on conveyors, bucket elevators and any other shaft driven machinery. Our non-contacting sensors can be used to detect screw conveyor flights, elevator bucket bolts and other moving ferrous targets. Speed switches can be connected to a PLC or to one hazard monitory system to provide alarm and/or shutdown of your machinery when dangerous conditions are detected.

### Whirligig®

- Fully Guarded Target for Easy Mounting of Motion Sensors
- Universal Application - Suits All DIN Style and Industry Standard Cylindrical Sensors
- Easy Installation - Only Requires 1/2" UNC Tapped Hole in the Machines Shaft or Use a Mag-Con™ for Magnetic Connection
- Available with 1, 2, 4 or 8 Targets



### Milli-Speed Switch

- 4 - 20 mA Output
- Simple Magnetic Calibration
- Loop Powered (2 Wire)
- Totally Sealed Construction (Submersible)
- Easy Installation with Whirligig® Sensor Mount
- SpeedMaster™ Compatible for Accurate Testing



### M800 Elite Speed Switch

- Microprocessor Controlled Speed Switch
- LED Indication
- Non-Contacting and Fail-Safe
- Totally Sealed Construction (Submersible)
- Dual Set Points for Alarm and Shutdown
- Universal Voltage (24 - 240 VAC/VDC)



### M300 Slipswitch

- Microprocessor Controlled Underspeed Monitor
- Inductive Proximity Sensor (30 mm Diameter Housing)
- Single Set Point - 20% Underspeed
- 2 Wire & 5 Wire Versions
- Totally Sealed Construction (Submersible)
- Non-Contacting and Fail-Safe



### M100 Stopswitch

- Stopped Motion Monitor
- Inductive Proximity Sensor
- Single Trip Set Point
- Totally Sealed Construction (Submersible)
- Non-Contacting and Fail-Safe



# 1.800.KC.SUPPLY



[www.kcsupply.com](http://www.kcsupply.com)

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**Rotech Rotary Shaft Encoder - Stainless Steel**

- Heavy Duty Rotary Shaft Encoder
- Monitor Speed, Distance, Direction, Belt Slip, Stop Condition
- 304 or 316 Stainless Steel Construction
- Totally Self Contained (No Guards Required)
- 1 to 1,000 Pulses Per Revolution
- Intrinsically Safe Version Available



**Rotech Rotary Shaft Encoder - Aluminum**

- Heavy Duty Rotary Shaft Encoder
- Monitor Speed, Distance, Direction, Belt Slip, Stop Condition
- Cast Aluminum Construction
- Totally Self Contained (No Guards Required)
- 1 to 1,000 Pulses Per Revolution
- Intrinsically Safe Version Available



**Rotech Rotary Shaft Encoder - Polypropylene**

- Economical Rotary Shaft Encoder
- Monitor Speed, Distance, Direction, Belt Slip, Stop Condition
- Polypropylene Construction
- Totally Self Contained (No Guards Required)
- 1 to 1,000 Pulses Per Revolution
- Intrinsically Safe Version Available



**WDA Motion Alignment Sensor**

- Magnetic Proximity Belt Speed and Belt Alignment Sensor
- Detects Moving Steel Ferrous Targets
- Adjustable Sensing Range of 1 to 3 Inches
- Not Affected by Material Build Up
- Stainless Steel Construction
- High Temperature Version Available



**Whirligig® - Heavy Duty**

- Fully Guarded Target for Easy Mounting of Motion Sensors
- Heavy Duty - Stainless Steel Construction
- Twin Sealed Stainless Steel Bearing
- Easy Installation - Only Requires 5/8" UNC Tapped Hole in the Machines Shaft



Approvals:

