



**ROTECH FOR RELIABILITY!**  
*Why Accept Anything Less?*



## Monitoring Solutions For Your Equipment

**ROTECH** products can be used whenever information on shaft speed, position, completed revolutions, etc, is required, for indication, control, interlocking, alarm initiation, etc.

**Speed** Monitoring  
**Safety** Interlocking  
**Rotation** Control

### End Of Shaft Mounted Motion Sensors

- **Extremely robust**
- **Self contained, easy to fit**
- **Maintenance free for life**
- **Pulse rates from 1 to 1000**
- **Range of signal outputs**
- **To suit all Industrial applications**

#### Mag-Con - Magnetic Connector

Very Strong adaptor for quick and easy installation of all Rotech 'End of Shaft' mounting Motion Sensors/Encoders.  
**NO DRILLING OF SHAFT REQUIRED!**



**AE 1000**  
Standard Duty  
Aluminium Body



**AE 2000**  
Heavy Duty  
Aluminium Body



**SSE 2000**  
Heavy Duty Stainless Steel Body  
Also available in SSE3000 Series Extra Heavy Duty  
**For use in the most severe arduous environments**



**AE 3000**  
Extra Heavy Duty  
Aluminium Body



**PE 4000**  
Polypropylene Body  
Low Cost



**SS 4000 Speedswitch**  
Polypropylene Body



Speed control trip set point in RPM adjustable over chosen speed range via internal control fitted under unit cover.

### Wheel Driven Trailing Arm Motion Sensors

For monitoring:

- Belt slip
- Belt speed measurement
- Belt weighers/scales
- Distance/length measurement
- Belt Stopped Alarm

**WE 5000**  
Totally Enclosed  
Utilising AE series sensors



**PWE 6000**  
Open Frame  
Utilising PE 4000 series sensor



### Screen Vibration Sensors

**VS 4000 Series**  
Pulsed output Type E3 10-30 Volts DC  
Totally sealed solid state operation  
Monitoring Vibrating Screens For:



- \* Slowdown
- \* Stoppage
- \* Breakage
- \* Irregular Vibration
- 'V'- Belts Damage

Used with SR4000 Series speed relays or PLC, gives an alarm indication of screen problems, stops screen drive motor and/or stops infeed conveyor.

### Rotation Monitoring Speed Relays

For use with all Rotech Motion Sensors  
Set trip/alarm speed directly from plant control panel

Eliminating:-

- Fiddly adjustments
- Removal of machine guards
- Crawling under machines
- Entering dangerous areas
- Climbing over plant
- Exposure of personnel to risk
- Health & Safety Conditions



**SR 4000**



**AUE 400**