Monitoring Equipment

ROLFES & Boone

Rolfes@Boone
800-265-2010
www.rolfesatboone.com

Products
- DX Monitor—Bearing temperature and belt alignment monitor—solid state, expandable Ethernet-based system.
- Model TM—Emergency Warning System with ETL rating.
- Model MW—Motion Warning System.

4B Components Ltd.
309-698-5611 • www.go4b.com

Hazard Monitors
- Watch Dog Elite—Bucket elevator monitor.
- Slipswitch and Stopswitch—Under-speed and stopped-motion monitors. 10% Alarm; 20% Stop.
- Speedswitch—Underspeed motion monitor.
- Whirligig—Universal sensor mount.
- Rotech Encoder—Rotating shaft monitor.

T500 “Elite” Continuous Bearing Temperature Monitor
- 256 bearing temperature and belt misalignment points.
- Local ambient temperature comparison.

TouchSwitch Belt Misalignment Sensor
- Immediate belt misalignment sensor.
- Test facility and status LED.
- U.S. Patent #6,731,219.

ELECTRO SENSORS

800-328-6170
www.electro-sensors.com

Electro-Sentry™ Hazard Monitoring System
- Shaft speed, belt alignment and bearing temperature.
- No proprietary software or “black boxes” required.
- No calibration—ready to use right out-of-the-box.
- Straightforward to install—easy to troubleshoot.
- Sensors output standard 4–20 mA signal.
- Compatible with I.S. barriers, PLCs, and meters.

Shaft Speed Control and Motion Monitoring Systems
- Shaft speed switches.
- Tachometers/counters.
- Vibration monitors.
- Shaft speed to analog converters.
- Digital pulse generators.
- Slide gate/valve position monitors.
Monitoring Equipment

Conveyor Components Co.
800-233-3233
www.conveyorcomponents.com

Speed Monitoring Products
• Adjustable Speed Switches—single setpoint speed switch and dual setpoint speed switches.
• Zero Speed Switches—indicates mechanical failure/zero speed condition.
• Tachometers—digital and analog for all speed ranges, rpm, fpm, gpm, etc.
• Speed transmitters—converts shaft rotation to linear outputs, 4 to 20 mA or 0 to 10 vdc.
• Temperature monitors.
• Belt misalignment monitors.
• Elevator leg monitors.
• Five-year warranty.

Motion Switch—Model CMS
• Compact unit designed to include all mechanical and electronic components in one housing.
• Operates in either a clockwise or counterclockwise director and mounts in any position.

Model CMS motion-sensing control.

Non-Contact Motion Control—Model RMS
• Provides accurate and reliable speed sensing of rotating shafts and machinery.
• Unit includes a DIN Rail mount box, 20 feet of lead wire, and remote sensor.

Model RMS non-contact motion control.

Motion Switch—Model MSD
• Both a motion-sensing control and tachometer.
• Dual speed control, with two signal points and digital rpm readout.

Hazard Monitoring
• Multi-monitoring—Motion, bearing temperature, and belt misalignment.
• Unlimited capacity.
• Wireless installation.
• PC/PLC compatible.
• Digital temperature readout and controller, with wireless printing.
• Real time hour maintenance meter.
• Digital amp meters.

Maxi-Tronic multi-monitoring system.
Hazard Monitoring Products

- Bear Scan 16 & 24 bearing temperature and belt alignment system.
- MT-400 motion sensors and controls.

BearScan 24/MT-400 Motion Sensor

BearScan 24/MT-400 motion sensor all-in-one enclosure:
- Continuously on-line to alert management of potential problems with overheated bearings and misaligned leg belts.
- Compatible with any Type-T thermocouple sensor.
- Reads up to 24 points of either bearing or belt alignment system.
- Built-in memory for set points in case of power loss.
- Individual operator adjustable set points for each sensor.
- The perfect retrofit for old, obsolete monitors.

TSGC BearScan 24/MT-400 motion sensor.