



4B GROUP

**If you could make one safety improvement,
what would you do?**



A PROACTIVE APPROACH



SITE SERVICE
Inspection • Commissioning • Testing

Building a strong safety culture is impossible without conducting routine safety inspections of your critical safety devices.

4B's Tech Team provides a detailed assessment, complete with photos, safety observations, and recommendations to help fix the hazards identified.

As a full service manufacturer, we go beyond selling. Our comprehensive training program will educate your preferred electrical contractor on best installation practices and maintenance.

The 4B partnership helps change safety culture within your plant, by proactively focusing on what matters most!

An experienced 4B technician will assess your material handling equipment to help you discover what critical safety devices may be needed to protect your plant and personnel from the dangers associated with explosive dust.

- Bearing Temperature Sensor
- Zero Speed Sensor
- Belt Misalignment Sensor
- Plug Switch
- Conveyor Belt Alignment and Rip Sensor
- Open Conveyor Pull Cord Safety Stop Switch

We will document our discoveries into a formal report and work with your safety personnel to:

- Update Safety Programs
- Develop Maintenance Schedules
- Educate Your Staff
- Train Your Preferred Electrical Contractors

PULL SWITCH



- Corrosion Resistant Weather Tight Housing
- Unique Taut Wire Failsafe System
- Reflector and/or Flag Tripped Indication
- Exclusive Double Ended Snap Action Mechanism
- Protection - IP65

SPEED SWITCH



- LED Indication
- Non-Contacting and Fail-Safe
- Totally Sealed Construction
- Available with Pulse, Analogue 4-20 mA and Discrete Outputs
- Protection - IP67

PLUG SWITCH



- Capacitance Level Indicator
- Plug and Level Sensing Applications
- Nylon Enclosure
- Magnetic Calibration & Adjustable Sensitivity
- Protection - IP65

BEARING TEMPERATURE



- Adjustable Depth Temperature Probe
- Screws Into Existing Grease Zerk Location
- Integrated Zerk For Bearing Lubrication
- 304 Stainless Steel Body (1/4" BSP)
- Available with PT100 RTD, Analogue 4-20 mA, NTC and PTC

BELT RIP or ALIGNMENT



- Easy Installation
- No Calibration Required
- Robust Design
- 20° Belt Misalignment Alarm
- 35° Belt Misalignment Shutdown
- Protection - IP66

DATA COLLECTION

IE-Node

Remote Sensor Monitoring for PLC's & Automation Systems

- Sensor Interface for PLC's & Automation Systems
- Supports PROFINET, EtherNet/IP and Modbus TCP/IP protocols
- Up to 16 Total Sensor Inputs with Available Expansion Boards
- Configurator Software for Easy Network Set Up and Visual Overview of All Your Plant Machinery Including Bucket Elevators And Conveyors



HazardMon is a secure cloud based hazard monitoring solution providing status notifications and data logging for bucket elevators and conveyors. Live system status, graphs and historical data can be viewed on any web-enabled device (smartphone, tablet PC, desktop or laptop computer).

To review all of the available features, and to see how the system works for yourself register for a free demo account at: www.hazardmon.com



For more information and a quote for your monitoring application, contact 4B today!

www.go4b.com



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