



**MaxiScan 12M Hazard Monitoring Controller**

The Maxi-Tronic MaxiScan 12M Controller provides essential protection for elevators, conveyors, and other equipment in a compact and easy to use unit.

- ✓ Underspeed Motion Controller
  - ✓ Bearing Sensors
  - ✓ Belt Misalignment Sensors
  - ✓ Chute Plug Indicator
- Underspeed Motion Controller:**
- ✓ Magnetic mounts for easy installation.
  - ✓ 10% and 20% slowdown relay outputs.
- Bearing and Belt Misalignment:**
- ✓ 12 individually configured inputs.
  - ✓ Accepts most types of sensors:
    - Thermocouple • BeltTracker™ • PTC Thermistor • Temperature Switch • Digital (1-Wire®)
  - ✓ CSA Class II Div 1 and intrinsically safe (simple apparatus) sensors available.
- Fully password protected setup and alarm bypass**
- Straight forward configuration**
- Real-time displays for 12 sensors plus motion**
- Quick testing for alarm and interlock verification**

- ✓ Belt Misalignment Sensors
- ✓ Chute Plug Indicator
- ✓ Pushbutton one-step calibration.
- ✓ Integrated hour-meter.
- ✓ 1 Relay per sensor w/ both NO/NC contacts.

- MaxiTrack PC software compatible
- Daisy-chain multiple units together
- Optional MODBUS for PLC connectivity
- Nema 4x UV-stabilized polycarbonate enclosure



12" High x 11" Wide x 6" Deep

Part # 932.602112 MaxiScan 12M Controller - 60Hz, 120 VAC	⊙ each
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**Maxi-Tronic EZMount - EZ521 Slow-Down Sensors**



Maxi-Tronic EZMount motion sensor simplifies sensor placement on your bucket elevators, drag conveyors, screw conveyors, and other rotating equipment. Combine with the MaxiScan 12M Motion Controller to provide under-speed detection with dual-setpoint 10% and 20% slowdown relay outputs, large digital speed display, and highly visible alarm indicators.

- ✓ Easy to install motion sensor for Maxi-Tronic MaxiScan 12M, MT400 and MT300 motion controller systems.
- ✓ All-in-One design with sensor, housing, magnetic mount, conduit fitting, cable, and retaining strap in one compact unit.
- ✓ Totally enclosed for increased personal safety and lower maintenance.
- Low voltage and high voltage models
- Replaceable sensors: many type available
- Magnetic Mount option
- Easily add and remove targets

Part # 945.000202 - Maxi-Tronic EZMount Sensor	⊙ each
Part # 945.000521 - Maxi-Tronic EZ521 Sensor Dual Set Point 12V-240V AC/DC	⊙ each
Part # 945.000225 Maxi-Tronic EZMount Magnet Mount	⊙ each

**Maxi-Tronic BeltTracker Misalignment Sensor**

Maxi-Tronic belt misalignment sensors are ideal for bucket elevators, belt conveyors, rotary drums, food processing and other material handling equipment.

- ✓ BeltTracker Misalignment Sensors are sensitive, reliable and maintenance free.
- ✓ Switch-Type Mechanism for instant detection of belt misalignment conditions.
- ✓ Simple Design with no internal electronics and no power supply required.

**BeltTracker Specs:**

- ✓ Switch Rating: 5A 125/250 VAC, .5A 125VDC, .25A 250VDC
- ✓ N/O or N/C Outputs: Momentary N/C and N/O contacts.
- ✓ Latching Relay Board: Optional latching-board provides a continuous output signal from the momentary N/C switch.
- ✓ Stainless Disc: 2.5" dia. stainless touch plate for durability.
- ✓ Adjustable Sensitivity: Eliminates false alarms.
- ✓ Easy Testing: Tests the mechanism and the switch.
- ✓ Dust-Ignition Proof: CSA Class II, Div. 1 certified.
- ✓ 1/2" Conduit Fitting: Pre-wired with 10' 18 AWG cable.

- Extremely rugged design
- Instant sensing and alarm output
- Minimal moving parts
- Class II, Div. 1 CSA Certified
- Easy installation and low maintenance
- No power supply needed

Part # 948.000720 Maxi-Tronic Belt Tracker	⊙ each
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**Maxi-Tronic Temperature and Belt Misalignment Sensors**

Maxi-Tronic leads the industry in providing a wide variety of reliable low cost temperature sensors for all your hazard monitoring needs. Ideal for Bearings, Gear Boxes, Bucket Elevators, Mills, Grinders, Conveyors, Mechanical Drives and most other material handling equipment. Use these sensors with Maxi-Tronic Temperature Controllers and all PLC/PC based systems. Combine with Maxi-Tronic MT400 Underspeed Detection Controllers and FM200 Flow/No-Flow detectors for complete hazard monitoring protection.



**HB-21 Series Bearing Sensors allow greasing the bearing without removing the sensor.**

- ✓ Sensor element is located at the bearing race for the most rapid and accurate reading in the industry.
- ✓ Easy to install and maintenance free. Just screw the stainless HB-21 "housing" and "insert" into an existing Zerk grease fitting.
- ✓ Integral 1/2" NPT conduit fitting.

**FP-21 Surface Sensors monitor the temperature of surfaces that cannot be monitored by other sensors.**

- ✓ Easy to install, just bolt on or strap on to nearly any surface.
- ✓ Choose from many configurations, switching temperatures, and contacts (N/O or N/C).
- ✓ A drain-plug style sensor is also available.

- Extremely rugged designs
- CSA Class II, Div 1 Certified
- Easy installation and low maintenance
- Industry standard TC, RTD, DIGITAL and Switches
- Fast reacting sensing elements
- Configurations for nearly any application
- Fully compatible with MaxiTrack Remote Hazard Monitoring software

Part # HB-21.HSG.18-Maxi-Tronic HB Housing 1/8" Stainless Steel	⊙ each
Part # HB-21.TCT.3-Maxi-Tronic HB Insert 3.0" Type T Thermocouple Stainless Steel	⊙ each
Part # HB-21.RTD.3-Maxi-Tronic HB Insert 3.0" 100 Ohm RTD 4 Wire Stainless Steel	⊙ each
Part # RB-21.TCT-Maxi-Tronic Belt Misalignment Sensor Type T Thermocouple with inspection hinge	⊙ each
Part # RB-21.RTD-Maxi-Tronic Belt Misalignment Sensor 100 Ohm RTD 4 Wire with inspection hinge	⊙ each
Part # FP-21.TCT-Maxi-Tronic Flat Pack Temperature Sensor Type T Thermocouple	⊙ each
Part # FP-21.TMP140.NC-Maxi-Tronic Flat Pack Temperature Sensor 140° Trip N/C Contact	⊙ each