

# BeltTracker

## Belt Misalignment Hazard Monitoring

**Hazard Monitoring, Anytime, Anywhere.**

Maxi-Tronic has the industry leading controls, sensors, service and experience to provide complete hazard monitoring and control systems for your facility.

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

### Maxi-Tronic BeltTracker in Action

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:

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



**Maxi-Tronic Controls for BeltTracker Sensors:**  
**MTDT24:** 24-Point scanner for switch and thermocouple sensors. 2 relays: Switch/High temperature and rate-of-rise.  
**HB/RB:** 8 or 16 switch or PTC inputs w/status indicators. 1 relay.  
**PLC/PC:** Easy connection to a PLC or computer.

- Extremely rugged design
- Instant sensing and alarm output
- Easy installation and low maintenance

- Class II, Div. 1 Certified
- Minimal moving parts
- No power supply needed
- Best feature set in the industry



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