

# MT400

## Motion Sensor and Controller

**Monitor Your Equipment, Anytime, Anywhere.**

The MT400 Motion Controller is the most full-featured speed monitor and control system for your material handling equipment.

This early warning and control system provides superior dual-setpoint protection for: bucket elevators, conveyors, mechanical drives, and all rotating equipment.

### MT400 in action

Digital display shows percentage of full speed.

Highly visible status and alarm indicators.

Dual setpoint 10% and 20% slowdown alarms.

EZMount motion sensor for quick installation.

One step calibration.

Advanced start-up sequence protects equipment during startup without putting a limit on the time to reach full speed.



Patent 4,282,967

- Sensors available in EZMount™ or 1"-3.5" Ø.
- UL approved for Class II, Div 2, Groups E-F-G
- 10% and 20% ALARM indicators.
- ARM indicator shows successful startup.

- TARGET indicator flashes as shaft rotates.
- No high voltage present at the rotating shaft.
- Non-metallic probe housing and rotating disc.
- Compatible with MaxiTrack™ remote monitoring



# MAXI-TRONIC

INCORPORATED

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### MT400 Motion Controllers

Maxi-Tronic Motion Controllers have been “the” industry standard since inventing the dual set-point under-speed controller and receiving the patent (#4282967) in 1981.

The MT400 Motion Controller has unmatched features including:

- Large digital % speed display.
- 10% and 20% slowdown alarm status lights and relay outputs.
- Target light visually indicates rotating shaft.
- Advanced start-up sequence protects equipment during startup without putting a limit on the time to reach full speed.

Specifications:

Power: 1 Amp at 120VAC

“Start” voltage: 120-240 VAC from the motor Start button circuit

Alarm relays: Contacts rated at 5 Amps at 250VAC

Analog output: Process Control 4-20mA output

Data: Optional RS-485 serial data output

### EZMount Motion Sensor

The EZMount motion sensor is an all-in-one design that magnetically attaches to the rotating shaft.

Specifications:

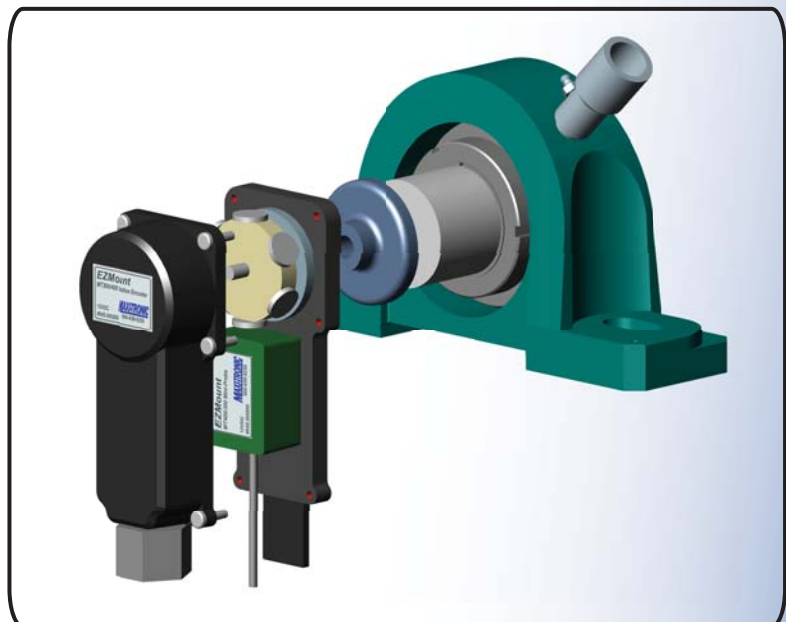
Voltage: 12VDC (from MT400)

Wiring: 2 shielded pair, 22 AWG

Targets: 1, 2, 3, 4, 6 (press-in type)



Patent 4282967



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