

# EZMount 21

## Class II Div 1 Shaft Mount Motion Sensor

**Monitor Your Equipment, Anytime, Anywhere**

Maxi-Tronic EZMount 21™ motion sensor simplifies sensor placement on your bucket elevators, drag conveyors, screw conveyors, and other rotating equipment.

Combine with the MaxiScan 12M Controller to provide under-speed detection with dual-setpoint 10% and 20% slowdown relay outputs, large digital speed display, and highly visible alarm indicators.

### EZMount 21™ in action

Easy to install motion sensor for the Maxi-Tronic MaxiScan 12M/24, MT400 and MT600 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.

EZMount sensors move with the shaft so adjustment is never necessary. Easily removed magnet-mounting for maintenance.



CSA Certified:  
Class II, Div.1  
Groups E, F, G

- CSA certified sensor: Class II, Div 1 Groups E, F, G
- Power and Target LED indicators
- Magnetic mount option
- Replaceable induction sensor
- Easily add and remove targets
- Wide input voltage range
- All-in-one compact design, low maintenance
- Fully enclosed rotating target assembly
- Industry standard NPN (Sinking) output
- Compatible with most motion controllers including the MaxiScan12M/24 and MT400/600 Motion Controllers

**MAXITRONIC**  
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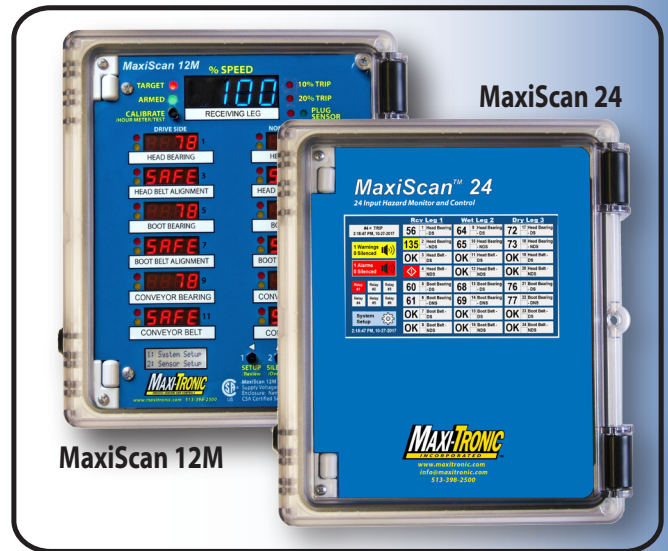
[info@maxitronic.com](mailto:info@maxitronic.com)

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## Class II Div 1 Shaft Mount Motion Sensor

### Maxi-Tronic Motion Controllers

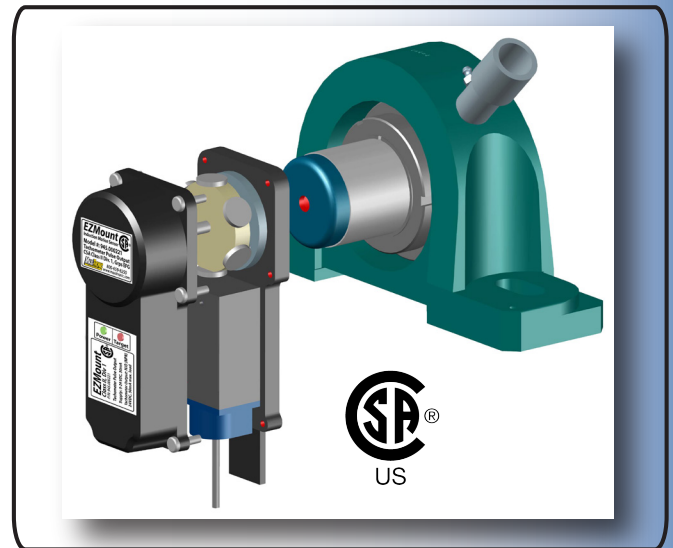
Maxi-Tronic Motion Controllers have been the industry standard since inventing the dual set-point under-speed controller and receiving patent #4282967 in 1981. The MaxiScan 12M Controller has unmatched features including large digital displays, highly visible Arm and Alarm status lights together with 12 temperature/switch sensor inputs with individual displays and relay outputs. The MaxiScan 24 has 24 inputs and a built in web server.



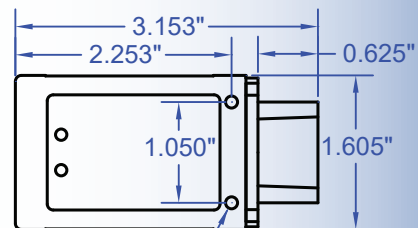
### EZMount 21 Sensor Specifications:

EZMount21 Assembly with Sensor: #945.100221  
 Sensor Module Only: #945.100221M  
 Sensor Rating\*: CSA Certified Class II, Div 1 Groups E, F, G  
 Type: Induction. .375" detection distance  
 Materials: Stainless steel shaft and bearings  
 Rynite (PET) sensor enclosure  
 Polycarbonate EZMount cover  
 Bearing: Sealed stainless steel  
 Supply: 5-24VDC supply, 30ma  
 Must be fused by installer, 5A max.  
 Output\*: Industry Standard N.O. NPN (Sinking)  
 Load: 24VDC, 50mA max.  
 Wiring: 6-foot, 22 AWG  
 Use 22AWG minimum AWG for installation  
 Targets: 6 press-in SS targets, easily removable  
 Threads: 1/2"-13 threads on shaft  
 5/8" wrench flats  
 1/2" NPT Conduit fitting  
 Dimensions: 6 3/4"H x 2 1/2"W x 1 3/4"D  
 Magnetic Mount: 2 1/2" Dia x .75"D

\* Many other non-certified output options are available:  
 Various AC and DC supply voltages with N.O. or N.C. outputs.



EZMount 21  
 Sensor Dimensions



.125" Diameter Mounting Holes  
 1.05" = Sensor Thickness

Wiring: Red= +VDC, Black= 0VDC  
 Brown= +OUT, Orange = -OUT

