

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, 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.

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
- Wide input voltage range
- Power and Target LED indicators
- All-in-one compact design, low maintenance
- Magnetic mount option
- Fully enclosed rotating target assembly
- Replaceable induction sensor
- Industry standard NPN (Sinking) output
- Easily add and remove targets
- Compatible with most motion controllers including the Maxi-Tronic MaxiScan 12M and MT400 Motion Controllers

MAXI-TRONIC
INCORPORATED

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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.

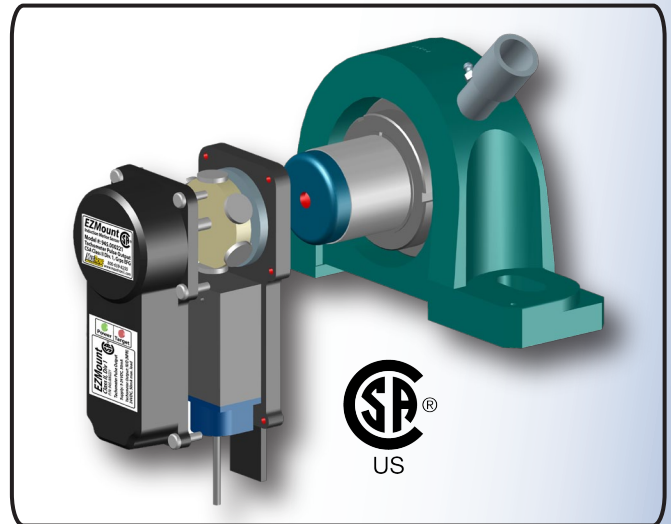


MaxiScan 12M

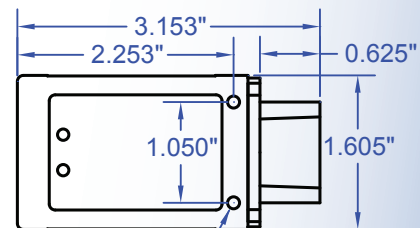
EZMount 21 Sensor Specifications:

EZMount Assembly with Sensor: #945.000221
 Sensor Module Only: #945.100221
 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



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