

# ZERO SPEED MONITOR

- EZ Installation** ✓
- Worksheet Req'd** ✓
- 'See for Yourself'** ✓
- Low Maintenance** ✓
- Fast Delivery** ✓
- Built to Customer Specs** ✓

Zero-Speed Controller

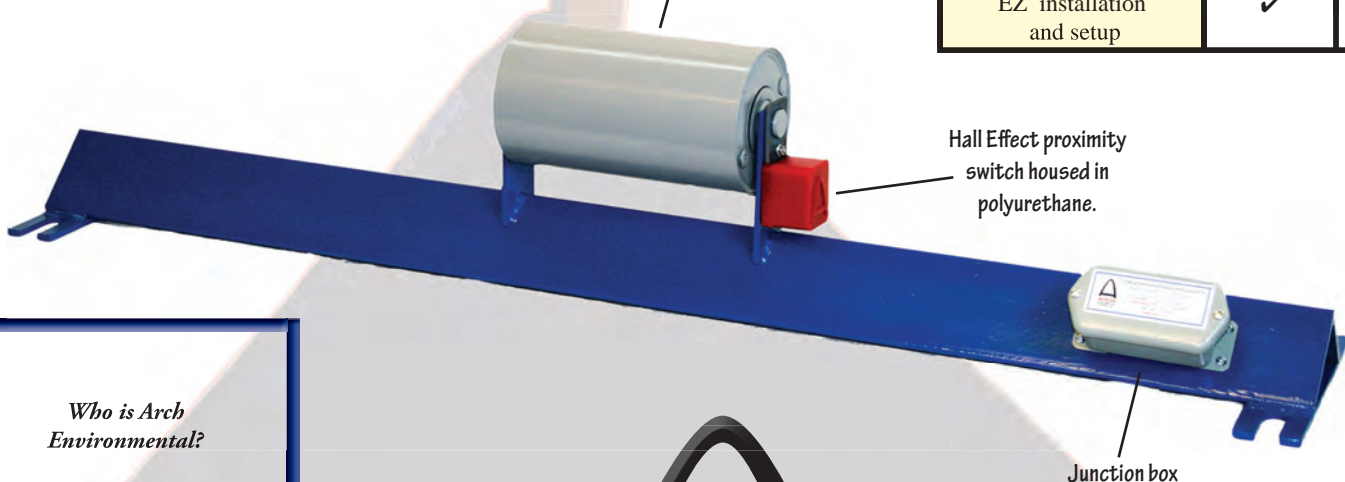


Off-Speed Controller



	Off-speed	Zero-speed
Indicates non-moving conveyor		✓
Indicates broken or slipping belts	✓	
Protects belt from under- or over-speed damage	✓	
Stops conveyor if drive motor speed falls below pre-determined value	✓	
Bolts to standard pre-existing bolt holes	✓	✓
Dual speed-sensor pickups	✓	✓
Immediate feedback via PLC/variable speed drive	✓	✓
Suitable for bi-directional belts	✓	✓
2x16 ez-to-read LED screen	✓	
EZ installation and setup	✓	✓

CEMA Scale Duty Idler



Hall Effect proximity switch housed in polyurethane.

Junction box

## Who is Arch Environmental?

\*manufacturer and worldwide distributor of preferred bulk conveyor components since 1975

### Mechanical Division

*Belt Cleaners • Belt Alignment • Sealing Systems • Dust Control Systems • Impact/Slider Systems*

### Electrical Division

*Belt Scales • Metal Detectors • Pull Cord Switches • Belt Protection Devices • Conveyor Control Systems*

\*facilities include a fabrication shop, a CNC machine shop, and state-of-the-art urethane production



**ARCH**  
**ENVIRONMENTAL**  
**EQUIPMENT, INC.**

CONVEYOR EFFICIENCY SPECIALISTS

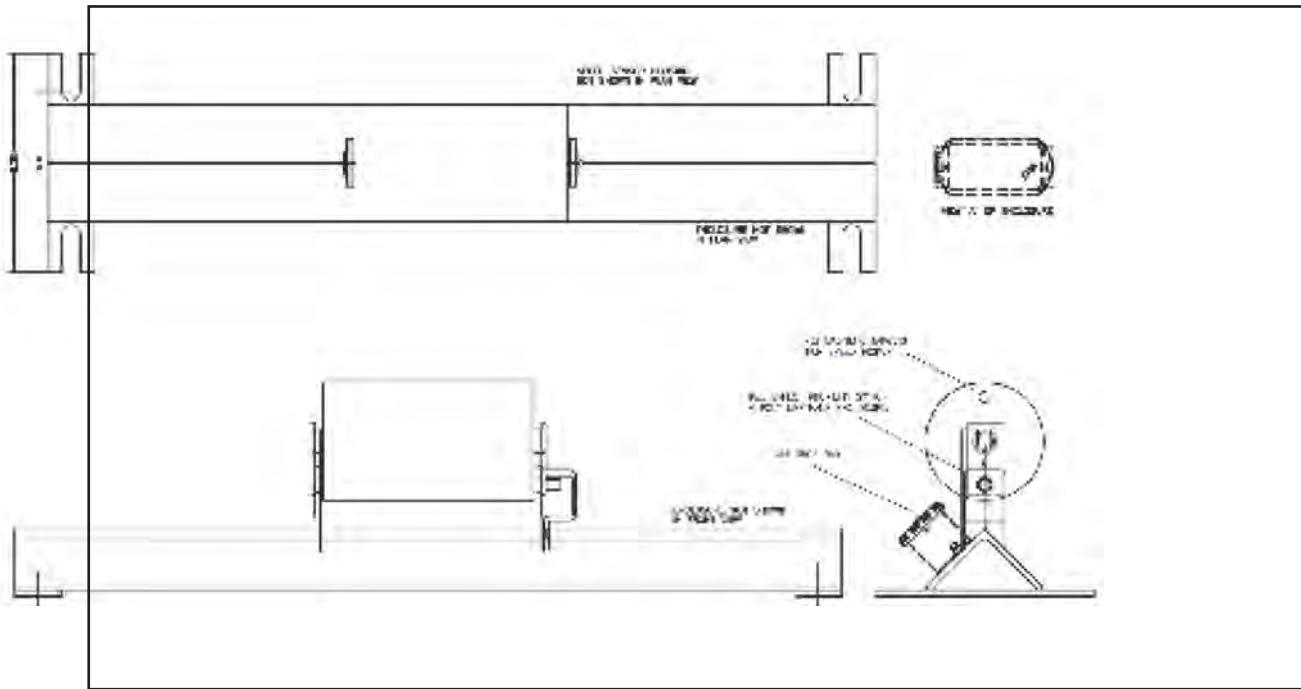
800-553-4567

www.archenv.com

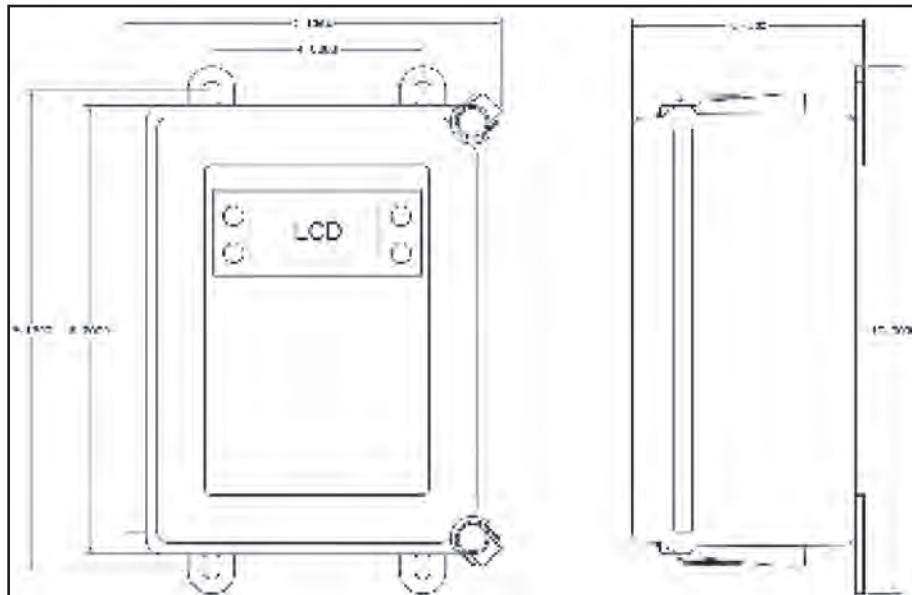
(Conveying Confidence)



## Zero/Off Speed Pickup Idler



## ARCH Zero/Off Speed Monitor Enclosure



SPEED PICKUP IS A SINGLE ROLL IDLER THAT IS BUILT ACCORDING TO CUSTOMERS' WORKSHEET INFORMATION

ZERO SPEED MONITOR



Covered under one or more of the following patents:  
 4,202,437;4,231,471;4,436,446;4,489,823;4,533,036;4,779,716;4,877,125;  
 4,989,727;5,149,305;5,222,588;5,222,589;5,219,063;5,350,053;5,725,083  
 other patents pending

Note: If available, prices vary with options.