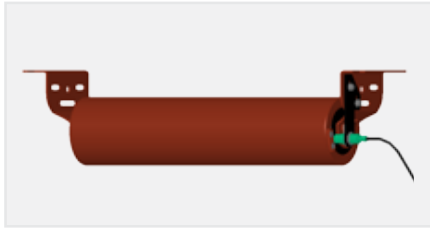


Sentinel™ Belt Speed Sensor

Accurately Monitor Conveyor Belt Speed



Quick Specs

- ▶ Belt Speed: Up to 1,000 FPM

Frequently Asked Questions

How does it work?

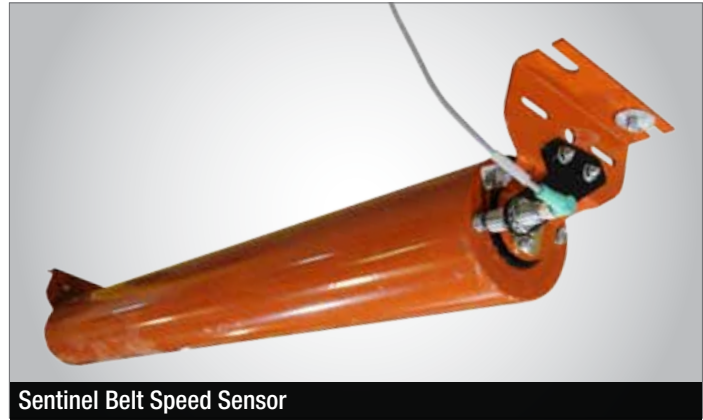
- ▶ The sensor is designed to count return roll idler rotations, feeding the data back to a conveyor's automation program. Operators set the speed (FPM) that indicates a problem and can be alerted via an audible alarm, a light or a cutoff switch.

What is the install point?

- ▶ The distance between the proximity sensor face and the bolt head lugs on the idler should be 5/16".

* Part Numbers will be CEMA D, but may be used in B & C applications as well

Replacement Parts	
Part Number	Description
D5-RET-36SEN	Sentinel
11-01299	Switch, Proximity, 24V, 12MM, QD, P&F
11-01122	Power-Cord, Ultrasonic 30MM, Pepperal
32-00402	Drop Bracket
18-10006	Sentinel Multi-System Kit without Controller



Sentinel Belt Speed Sensor

Features and Benefits

Monitor Belt Movement

- ▶ Indicates if belt has stopped moving
- ▶ Indicates if belt has slipped
- ▶ Indicates how fast a belt is moving

Safety Shutoff

- ▶ Prevent damage to drive components
- ▶ Stops the motor in the event of belt problems

Easy Installation

- ▶ Mounts to standard return roll brackets
- ▶ 4-1/2" drop bracket

Minimal Replacement Costs

- ▶ Replacement parts sold separately

Sentinel Belt Speed Sensor Kits		
Kit Part Number	Part Numbers	Description
18-10000	32-00401	Drop Bracket for Sentinel
	11-01122	Sensor Cord
	11-01299	Switch, Proximity, 24V, 12MM, QD, P&F
	11-01114	PLC, Monitor, Sentinel Speed Sensor
	13-00850	BLT Carriage 20-1/4 x 3/4
	13-10016	Flanged Nut 20-1/4
11-01114	13-10086	Self-Drilling Hex Screw 12 x 3/4
	11-00702	Logo Smart Relay
	11-00343	24 Volt Relay
	11-00965	120 Volt Relay
18-10001	11-01161	Power Supply 24 VDC
	Includes Everything in 18-10000 except 11-01114 Monitor	