



MAXIGARD™

ADJUSTABLE SPEED SWITCH

Maxigard A9000 Dual Set Point Speed Switch

FUNCTION:

- Indicate broken/slipping conveyor belts
- Indicate broken/slipping drive belts
- Prevent belt over loading
- Signal PLC to prove rotation
- Provide rotation signal for interlocked material handling equipment

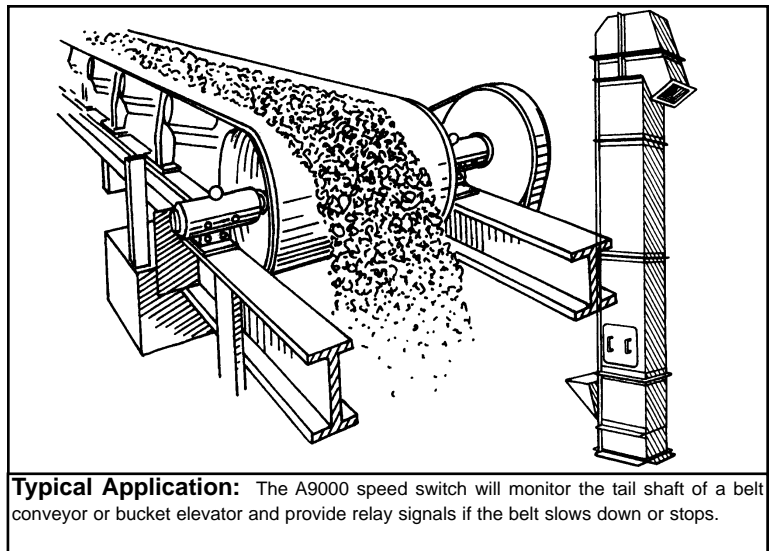
ADVANTAGES:

- Complete system
- LED indicating light for easy calibration
- Start delay feature
- Explosion Proof watertight housing
- Designed for industrial applications
- Five Year Warranty

APPLICATIONS:

- Bucket Elevators
- Belt Conveyors
- Screw Conveyors
- Centrifugal fans
- Vibrating conveyors
- Grinders and pumps
- Rotary airlocks

ONE STEP CALIBRATION, SELF ADJUSTING SET POINTS
AT 80% AND 90% FULL OPERATING SPEED



Typical Application: The A9000 speed switch will monitor the tail shaft of a belt conveyor or bucket elevator and provide relay signals if the belt slows down or stops.

STANDARD SYSTEM INCLUDES:

Magnetic Disc ● Self-Contained Sensor and Circuit ● Mounting Bracket ● 1 amp Relays ● Explosion Proof Housing

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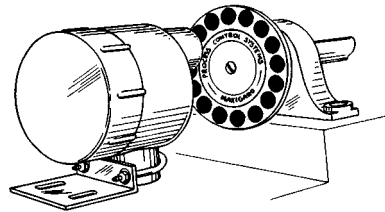
SPECIFICATIONS:	A9000
Power Requirements	115 VAC, $\pm 10\%$, 50/60 Hz
Power Consumption	2 Volt-Amps
Operating Temperature	-40°F To +140°F
Sensor To Target Tolerance	1/8" To 1"
Sensor Output	≤ 5.1 VAC
Sensor Construction	Anodized Aluminum Epoxy Encapsulated
Sensor Cable	9" Pigtail/18 Gauge
Speed Range	20 RPM to 375 RPM
Set Point Type	Dual (90% and 80% of operating speed)
Start Delay	7.5 Seconds on Power up
Set Point Accuracy	$\pm 2\%$ -4% of Full Scale
Magnetic Disc	4" Diameter/Anodized Aluminum
Enclosure	UL Listed & CSA Certified, Cast Aluminum Class I Division 1 & 2 Group D Class II Division 1 & 2 Group E, F, & G Class III
Switch Output	Two SPST - 1 Amp

SPECIFICATIONS MAY CHANGE WITHOUT NOTIFICATION

Options:

Magnet Wrap
Magnet Plates
12/24 VDC Power Supply
Special Speed Settings
Special Magnet Targets

Altra-gap



1/8" to 7/8" air gap between disc & sensor

FEATURES:

- Will work in challenging applications
- Is not affected by material buildup or moisture
- Will work when out of alignment
- Up to 7/8" gap tolerance
- Will work in applications with vibration
- Designed for industrial applications

Sold By:



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