



MAXIGARD™

ADJUSTABLE SPEED SWITCHES

Maxigard AM1000 SINGLE SET POINT SPEED SWITCH
Maxigard AM2000 DUAL SET POINT SPEED SWITCH

FUNCTION:

- Detect speed changes of rotating or vibrating machines
- Detect over speed or under speed
- Provides relay contact outputs at user selected set points
- Indicate broken or slipping drive belts
- Detect jamming or overloading

ADVANTAGES:

- Up to 1 inch gap tolerance between sensor and target
- Is not affected by material buildup or moisture
- Start up time delay feature
- Set Point range from 10 RPM to 6,000 RPM
- Display Meter Available
- Complete system includes sensor, target, circuit and mounting socket
- Five Year Warranty

APPLICATIONS:

- Belt Conveyors
- Bucket Elevators
- Screw conveyors
- Centrifugal Fans
- Web Drives
- Dust Collectors
- Crushers
- Rotary Airlocks
- Pumps
- Blenders & Mixers



STANDARD SYSTEM INCLUDES:

Magnetic Disc ● Sensor ● 10' of 2 Wire Cable ● Mounting Bracket ● Speed Switch With Mounting Socket

MAXIGARD™ AM1000/AM2000

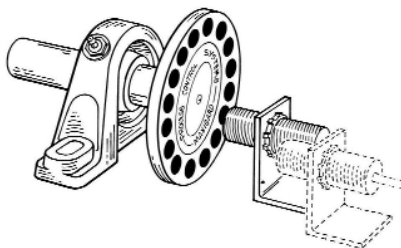
SPECIFICATIONS:	AM1000	AM2000
Power Requirements	115 VAC, ± 10% 50/60 Hz	115 VAC, ± 10% 50/60 Hz
Power Consumption	2 Volt-Amps	3 Volt-Amps
Operating Temperature	-40°F To +140°F	-40°F To +140°F
Sensor To Target Tolerance	1/8" To 1"	1/8" To 1"
Sensor Output	≤ 5.1 VAC	≤ 5.1 VAC
Sensor Construction	Anodized Aluminum Epoxy Encapsulated	Anodized Aluminum Epoxy Encapsulated
Sensor Cable	22 Gauge / 2 Wire Shielded Belden 8761 or equal	22 Gauge / 2 Wire Shielded Belden 8761 or equal
Speed Range	10 RPM to 6,000 RPM	10 RPM to 6,000 RPM
Set Point	Single Adjustable	Dual Adjustable
Start Delay	7.5 Sec. on Power up	7.5 Sec. on Power up
Set Point Accuracy	± 2% of Full Scale	± 2% of Full Scale
Magnetic Disc	4" Diameter/Anodized Aluminum	4" Diameter/Anodized Aluminum
Switch Output	One SPDT-5A Relay @ 115/230 VAC 30 VDC Resistive	Two SPDT-5A Relays @ 115/230 VAC 30 VDC Resistive

SPECIFICATIONS MAY CHANGE WITHOUT NOTIFICATION

Options:

Explosion Proof Sensor
Explosion Proof Enclosure
Digital Meter
Analog Meter
Magnet Wrap
Warning Horn
Special Magnet Target
12 or 24 VDC / 230 VAC
High Temperature

Altra-gap



1/8" to 1" 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 1" gap tolerance
- Sensor can be remote mounted up to 10,000 ft.
- Will work in applications with vibration
- Designed for industrial applications



327 Lake Hazeltine Drive
Chaska, MN 55318
Toll Free: 800-328-0738 U.S. and Canada
Fax: 952-368-4129
<http://www.maxigard.com>
E-Mail: info@maxigard.com

Sold By: