Non-Contact Speed Switch

Compact PVC or Aluminum Enclosure, Easy Installation

**Features**
- Easy installation and calibration
- Compact, self-contained rotation monitoring system
- Adjustable set point range

**Specifications**
- Temperature Limits: Operating -40 to 140°F (-40 to 60°C).
- Switch Type: SPDT.
- Electrical Rating: 5 A @ 115 VAC.
- Electrical Connections: 18 AWG, 12” (30.48 cm) L.
- Conduit Connections: 1” female NPT.
- Power Requirements: 115 VAC, 60 Hz standard.
- Input Signal Type: NPN open collector.
- Set Point Adjustment: Single turn (270°) potentiometer.
- Gap Distance: 3/8” ± 1/8”.
- Weight:
  - NSSP-A1W: 0.54 lb (0.82 lb with disc); NSSP-B1W: 0.54 lb (0.64 lb with disc).
  - NSSM-A1W: 1.58 lb (1.88 lb with disc); NSSM-B1W: 1.60 lb (1.70 lb with disc).
- Agency Approval: CE.

**Disc Specifications**
- Materials: Pulsar discs: Nylon 12, PVC; Disc guards: SS; Easy mount bracket: Aluminum with SS shaft.
- Maximum Speed: 10,000 RPM at ambient temperature.

**Model** | **Set Point Range** | **Supply Voltage** | **Enclosure** | **Disc Included**
---|---|---|---|---
NSSP-A1W | 10-100 RPM | 115 VAC | Plastic | NONE
NSSP-B1W | 100-5000 RPM | 115 VAC | Plastic | NONE
NSSM-A1W | 10-100 RPM | 115 VAC | Metal | NONE
NSSM-AKIT | 10-100 RPM | 115 VAC | Metal | 4” A DISC
NSSM-B1W | 100-5000 RPM | 115 VAC | Metal | NONE
NSSM-BKIT | 100-5000 RPM | 115 VAC | Metal | 2-1/2” B DISC

**Model** | **Description**
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Disc A | ø4” Pulsar disc, 16 magnetic poles for 10-100 RPM units
Disc B | ø2-1/2” Pulse disc, 8 magnetic poles for 100-5000 RPM units
A-290 | Easy Mount Bracket assembly for NSSM includes 4” disc
A-291 | Disc Guard for easy mount bracket, A-290
A-292 | Disc Guard for NSS-AM/BM