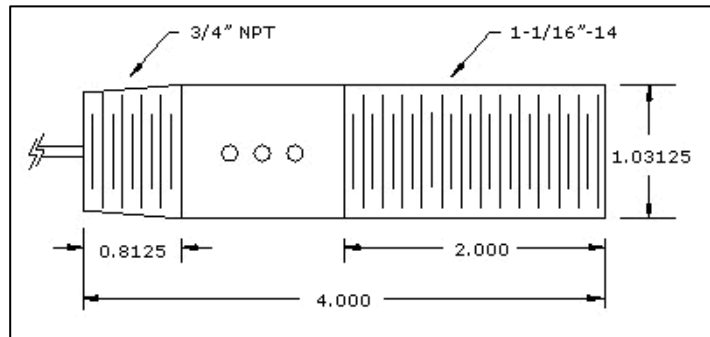




Zero Speed Switch Sensor, ZS09P



Model ZS09P, with Power Relay
Device contains sensor and relay.



Dimensions (in inches) and Threads

General Specifications

Operating Voltages: 5-24 VDC or 120 VAC

Operating Temperature: -40°F to 140°F

Operating Frequency:

Hall Effect and Inductive (Gartooth):

0.02Hz-10kHz

Hall Effect Only: 0.02Hz - 25kHz

Contact ratings:

5A, 240VAC

5A, 30VDC

Vibration resistance (function)

NO/NC contact >15/5g

Shock resistance (destruction) >100g

Relay Set-Point Adjustment Range:

Standard: 1-100 RPM, 1 Pulse Per Revolution

Custom parameters are available.

Housing Material: Aluminum

Fuse: Internal 1/2 Amp non-replaceable fuse

Cable: 4 ft., 6 Conductor, 22 AWG, Unshielded

Sensing Distance to Target (Gap):

1/16" to 5/16" using Ferrous Target (Gartooth Wheel, Bolt Head, Key Stock, etc.)

1/2" to 5/8" using Phares Magnetic Disk

1" using Phares Magnet, Part No. SM-100

Minimum Gartooth Target Sizes:

1/8" Gartooth length, width, depth and gap.

Gartooth Target Material:

High ferrous (iron) content.

Part Number Chart

ZS09P X - Y Z

<u>X – Relay Output</u>	<u>Y – Input Voltage</u>	<u>Z – Target Material</u>
1: N.O./N.C.	120: 120 VAC	M: Magnetic
2: N.O.	D: 5-24 VDC	F: Ferrous (such as Gartooth, bolt head, or keystack)
3: N.C.		

Options

Custom Cable Length

Custom Relay Set-Point Adjustment Range

Fixed Set-Point

Relay Latch