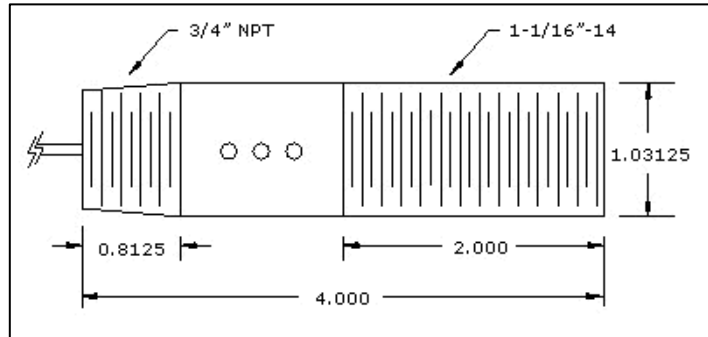




Zero Speed Switch Sensor, ZS09P



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



Dimensions (in inches) and Threads

General Specifications

| | |
|---|--|
| <p>Operating Voltages: 6-24 VDC or 120 VAC</p> <p>Operating Temperature: -40°F to 140°F</p> <p>Operating Frequency:</p> <p>Hall Effect and Inductive (Gartooth): 0.02Hz-10kHz</p> <p>Hall Effect Only: 0.02Hz - 25kHz</p> <p>Contact ratings:</p> <p>5A, 240VAC 5A, 30VDC</p> <p>Vibration resistance (function) NO/NC contact >15/5g</p> <p>Shock resistance (destruction) >100g</p> <p>Relay Set-Point Adjustment Range:</p> <p>Standard: 1-100 RPM, 1 Pulse Per Revolution Custom parameters are available.</p> | <p>Housing Material: Aluminum</p> <p>Fuse: Internal 1/2 Amp non-replaceable fuse</p> <p>Cable: 4 ft., 6 conductor, 22 AWG, unshielded</p> <p>Sensing Distance to Target (Gap):</p> <p>1/16" to 5/16" using Ferrous Target (Gartooth Wheel, Bolt Head, Key Stock, etc.)</p> <p>1/2" to 5/8" using Phares Magnetic Disk</p> <p>1" using Phares Magnet, Part No. SM-100</p> <p>Minimum Gartooth Target Sizes:</p> <p>1/8" Gartooth length, width, depth and gap.</p> <p>Gartooth Target Material:</p> <p>High ferrous (iron) content.</p> |
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Part Number Chart

ZS09P X - Y Z

| | | |
|--|---|--|
| <p>X – Relay Output</p> <p>1: N.O./N.C. 2: N.O. 3: N.C.</p> | <p>Y – Input Voltage</p> <p>120: 120 VAC D: 6-24 VDC</p> | <p>Z – Target Material</p> <p>M: Magnetic F: Ferrous (such as Gartooth, bolt head, or keystick)</p> |
|--|---|--|

Options

- Custom Cable Length
- Custom Relay Set-Point Adjustment Range
- Delrin sensor housing for corrosive environments
- Fixed Set-Point
- Relay Latch