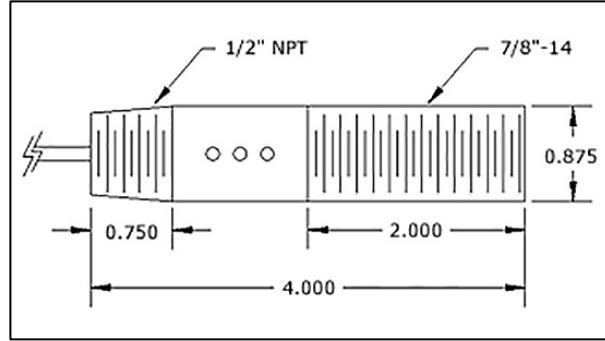




Zero Speed Switch Sensor, ZS09R



Model ZS09R, with Reed Relay
Device contains sensor and relay.



Dimensions (in inches) and Threads

General Specifications

<p>Operating Voltages: 6-24 VDC or 120 VAC Operating Temperature: -40°F to 140°F Operating Frequency: Hall Effect and Inductive (Gear Tooth): 0.02Hz - 10kHz Hall Effect Only: 0.02Hz - 25kHz Contact ratings: 120VAC, 1/4 Amp pilot duty Vibration resistance: G - max. 10-2000Hz Shock Resistance: G - max. 11ms, 1/2 sine Relay Set-Point Adjustment Range: Standard: 1-100 RPM, 1 Pulse Per Revolution Custom parameters are available.</p>	<p>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 (Gear Tooth Wheel, Bolt Head, Key Stock, etc.) 1/2" to 5/8" using Phares Magnetic Disk 1" using Phares Magnet, Part No. SM-100 Minimum Gear Tooth Target Sizes: 1/8" gear tooth length, width, depth and gap. Gear Tooth Target Material: High ferrous (iron) content.</p>
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Part Number Chart

ZS09R X - Y Z

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

- Custom Cable Length
- Custom Relay Set-Point Adjustment Range
- Fixed Set-Point
- Relay Latch