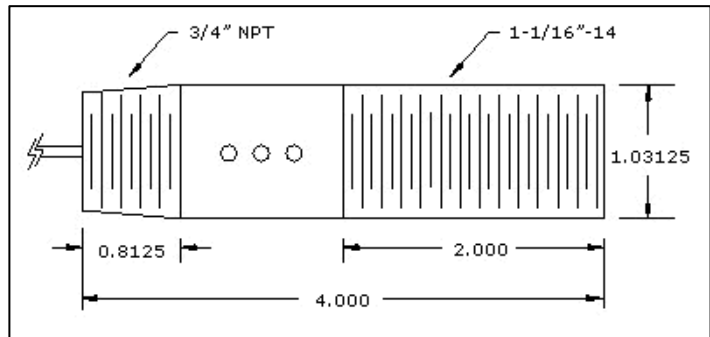




Zero Speed Switch Sensor, ZS09P



Model ZS09P with Power Relay.



Dimensions (in inches) and Threads

The ZS09P Zero Speed Switch is now available with an optional Auxiliary Relay, 1 Amp. Now switch two control circuits with one compact sensor.

General Specifications

Operating Voltages: 5-24 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 Relay Contact Ratings: 5A, 240VAC 5A, 30VDC Vibration resistance (function) NO/NC contact >15/5g Shock resistance (destruction) >100g Aux. Relay Contact Ratings: 1A, 150VAC 1A, 125VDC	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., 10 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.
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Part Number Chart

ZS09PW -X -Y Z

W – Relay Output	X – Optional Aux. Relay Output	Y – Input Voltage	Z – Target Material
1: N.O./N.C. 2: N.O. 3: N.C.	4: N.O./N.C. 5: N.O. 6: N.C.	120: 120 VAC D: 5-24 VDC	M: Magnetic F: Ferrous (such as gear tooth, bolt head, or keystack)