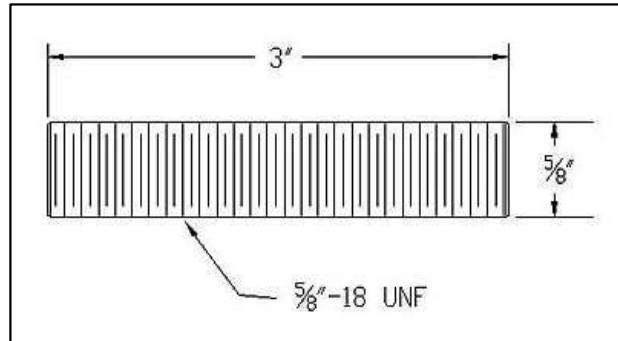




Model MS0303, Magnetic Speed Sensor



Dimensions (in inches) and Threads

General Specifications

<p>Operating Voltage Range: 5-24 VDC</p> <p>Operating Temperature: -40°F to 300°F</p> <p>Operating Frequency: 25 kHz Maximum</p> <p>Digital Output Hall Effect Sensor Type: 3 wire, sinking signal (NPN) standard.</p> <p>Output Signal: Digital Square Wave</p> <p>Supply Current: 3.5 mA</p> <p>Output Current: 25 mA Max.</p> <p>Vibration Tolerant</p> <p>Magnetic Pole Detect: North and South (Positive and Negative field)</p>	<p>Housing Material: Aluminum</p> <p>Cable: 3 Conductor, 20 AWG, Shielded</p> <p>Sensing Distance to Target (Gap): 1/2" to 5/8" using Phares Magnetic Disk 1" using Phares Magnet, Part No. SM-100</p> <p>Certifications: Conforms to the following standards: CAN/CSA C22.2 No. 61010-1:2012 UL 61010-1:2012 EN 61010-1:2012 IP68</p>
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Part Number Chart

MS0303 – X Y

MHTS0303- X Y

<u>Prefix</u>	<u>Temperature Range</u>	<u>X - Cable Length</u>	<u>Y – NPN or PNP</u>
MS0303	-40° F to 140° F	4 Ft in stock	P: Custom PNP
MHTS0303	-40° F to 300° F	4 Ft in stock	P: Custom PNP

Options

Custom Cable Length

Delrin sensor housing for corrosive environments

Sourcing (PNP) available.