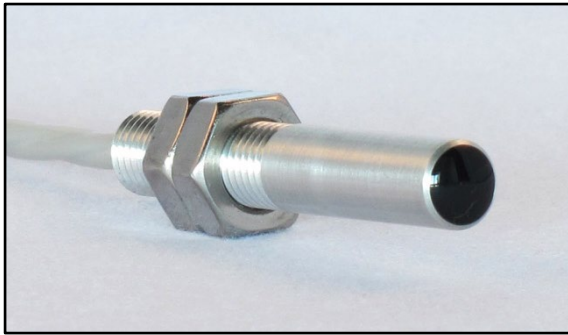
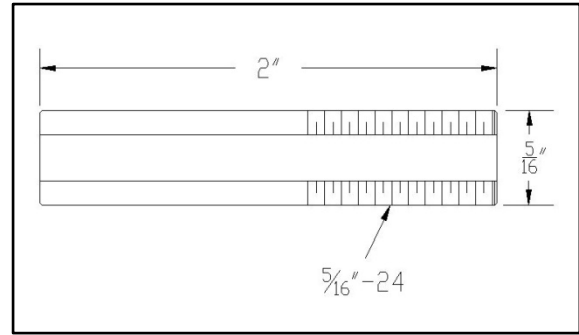




# Ultra Mini Hall Effect Sensor, UMS03



Model UMS03, Ultra Mini Magnetic Speed Sensor



Dimensions (in inches) and Threads

## General Specifications

<p><b>Operating Voltage Range:</b> 5-24 VDC</p> <p><b>Operating Temperature:</b> -40°F to 140°F</p> <p><b>Operating Frequency:</b> 25 kHz Maximum</p> <p><b>Digital Output Hall Effect Sensor Type:</b> 3 wire, sinking signal (NPN) standard.</p> <p><b>Output Signal:</b> Digital Square Wave</p> <p><b>Supply Current:</b> 11 mA</p> <p><b>Output Current:</b> 20 mA Max.</p> <p><b>Vibration Tolerant</b></p> <p><b>Magnetic Pole Detect:</b> North and South (Positive and Negative field)</p>	<p><b>Housing Material:</b> Aluminum</p> <p><b>Cable:</b> 3 Conductor, 20 AWG, Shielded</p> <p><b>Sensing Distance to Target (Gap):</b> 1/2" to 5/8" using Phares Magnetic Disk 1" using Phares Magnet, Part No. SM-100</p> <p><b>Certifications:</b> 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

UMS03 – X

Prefix	X - Cable Length
UMS03	1, 6, 10 Ft in stock

## Options

Custom Cable Length