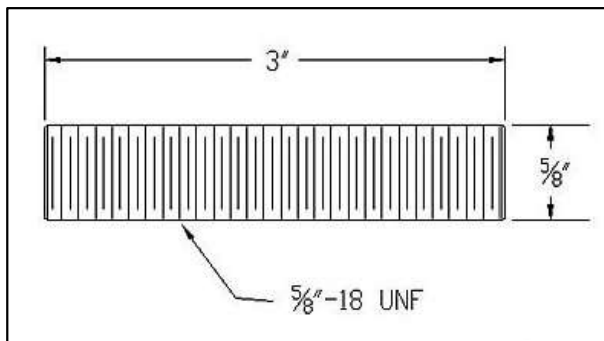




Mini Hall Effect Sensor, MS0303



Model MS0303, Magnetic Speed Sensor



Dimensions (in inches) and Threads

General Specifications

Operating Voltage Range: 5-24 VDC
Operating Temperature: -40°F to 300°F
Operating Frequency: 25 kHz Maximum
Digital Output Hall Effect Sensor Type:
3 wire, sinking signal (NPN) standard.
Output Signal: Digital Square Wave
Supply Current: 3.5 mA
Output Current: 25 mA Max.
Vibration Tolerant
Magnetic Pole Detect:
North and South (Positive and Negative field)

Housing Material: Aluminum
Cable: 3 Conductor, 20 AWG, Shielded
Sensing Distance to Target (Gap):
1/2" to 5/8" using Phares Magnetic Disk
1" using Phares Magnet, Part No. SM-100
Certifications:
Conforms to the following standards:
CAN/CSA C22.2 No. 61010-1:2012
UL 61010-1:2012
EN 61010-1:2012
IP68

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.