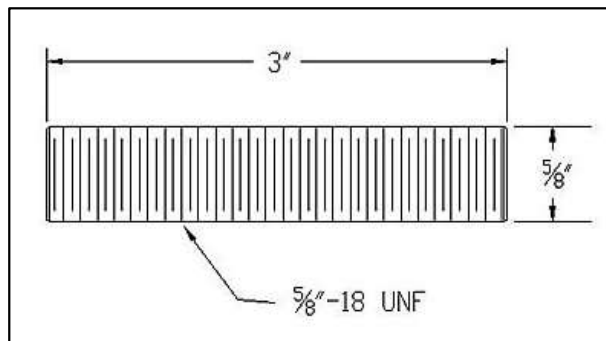




Mini Geartooth Sensor, MGS0303



Model MGS0303, Ferrous Speed Sensor
Photo shows flat side of sensor for indexing.



Dimensions (in inches) and Threads

General Specifications

Operating Voltage Range: 5-24 VDC
Operating Temperature: -40°F to 300°F
Operating Frequency: 10 kHz Maximum
Digital Output Hall Effect Sensor Type:
3 wire, sinking signal (NPN) standard.
Output Signal: Digital Square Wave
Supply Current: 12 mA Max.
Output Current: 25 mA Max.
Vibration Tolerant
Housing Material: Aluminum
Cable: 3 Conductor, 20 AWG, Shielded

Sensing Distance to Target (Gap):
1/16" to 5/16" using Ferrous Target (Geartooth Wheel, Bolt Head, Key Stock, etc.)
Minimum Geartooth Target Sizes:
1/8" geartooth length, width, depth and gap.
Geartooth Target Material:
High ferrous (iron) content.
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

MGS0303 – X Y

MGHTS0303- X Y

<u>Prefix</u>	<u>Temperature Range</u>	<u>X - Cable Length</u>	<u>Y – NPN or PNP</u>
MGS0303	-40° F to 140° F	4 Ft in stock	P: Custom PNP
MGHTS0303	-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.