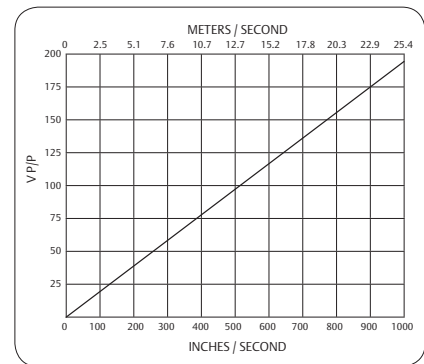
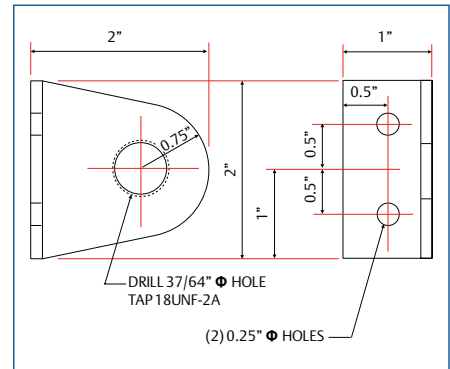


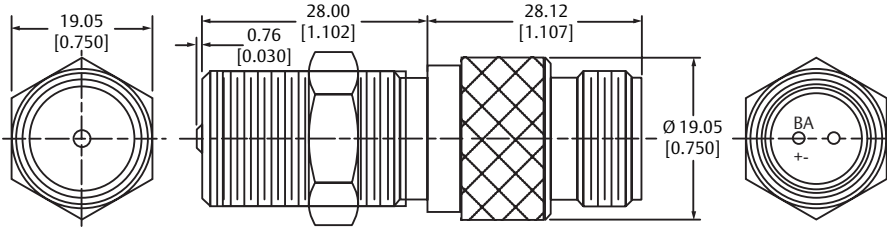
# Industrial VRS Magnetic Speed Sensor

Dynamic Performance	
Output	1 AC Cycle Per Revolution/Gear Tooth
Output Voltage	8 to 190 V P-P
Air Gap	0.127 mm (0.005") Nominal
Maximum Operating Frequency	15 kHz (900,000 cpm)
Target/Surface Material	Ferrous (Non Stainless Steel)
Gear Pitch Range	24 DP (Module 1.06) or Coarser
Optimal Gear Pitch Range	20 DP (Module 1.27) Ferrous Metal Gear
Minimal Surface Speed	250mm/s (10 ips)
Minimal RPM Based On Surface Speed	4,850/ Shaft Diameter mm (191/Shaft Diameter Inches)
Environmental	
Temperature Range	-55 to 121°C (-67 to 250°F)
Electrical	
Power	Self Powered Operation
Coil Resistance	910 to 1,200 ohms
Inductance	450 mH max.
Physical	
Weight	70 grams (2.50 oz) Sensor Only
Mounting Thread	5/8 – 18 UNF – 2A
Jam Nut	3/4" wrench flat (~19mm)
Pole Piece Diameter	2.69 mm (0.106")
Sensor Material	Stainless Steel
Connector Type	MS3106, 2 Pin
	Pin A – Negative
	Pin B – Positive



**Supplied Accessories**

Mounting Bracket (see sketch)



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**Emerson**  
**Reliability Solutions**  
 835 Innovation Drive  
 Knoxville, TN 37932 USA  
 ☎ +1 865 675 2400  
 🌐 [www.emerson.com/ams](http://www.emerson.com/ams)