

# INTRINSICALLY SAFE MAGNETIC PICKUPS

Standard Sensitivity



Cross Section	Output Voltage Peak-to-Peak	Temperature	DC Resistance	Inductance	Output Polarity	Output Connector	Characteristic Curve Group	Figure No. To Use For Computing	Third Party Approved	Model No.
<p>LOCKNUT 5/8-18 UNF-2A .106 ± .002 DIA. .025 1.125<sup>+0.16</sup><sub>-.031</sub> 2.250 ± .093 .750<sup>+0.025</sup><sub>-.000</sub> DIA.</p>	40-65 Volts <sup>(2)</sup>	-65°F to + 225°F	80-110 Ohms	28-34 mH Nominal	Pin B Positive	Mates With MS3106A-10SL-4S <sup>(1)</sup>	3	5	CSA <sup>(8)</sup>	M201
<p>LOCKNUT 5/8-18 UNF-2A .106 ± .002 DIA. .025 4.000<sup>+0.16</sup><sub>-.031</sub> 5.125 ± .093 .750<sup>+0.025</sup><sub>-.000</sub> DIA.</p>	40-65 Volts <sup>(2)</sup>	-65°F to + 225°F	80-110 Ohms	28-34 mH Nominal	Pin B Positive	Mates With MS3106A-10SL-4S <sup>(1)</sup>	3	5	CSA <sup>(8)</sup>	M231
<p>LOCKNUT 5/8-18 UNF-2A .187 ± .002 DIA. .010 1.125<sup>+0.16</sup><sub>-.031</sub> 2.250 ± .093 .750<sup>+0.025</sup><sub>-.000</sub> DIA.</p>	13 Volts Typical <sup>(6)</sup>	-65°F to + 225°F	170-210 Ohms	10 mH Maximum at 3K Hz	Pin B Positive	Mates With MS3106A-10SL-4S <sup>(1)</sup>	7	6	CSA <sup>(8)</sup>	M134
<p>LOCKNUT 5/8-18 UNF-2A .187 ± .002 DIA. .010 4.000<sup>+0.16</sup><sub>-.031</sub> 5.125 ± .093 .750<sup>+0.025</sup><sub>-.000</sub> DIA.</p>	13 Volts Typical <sup>(6)</sup>	-65°F to + 225°F	170-210 Ohms	10 mH Maximum at 3K Hz	Pin B Positive	Mates With MS3106A-10SL-4S <sup>(1)</sup>	7	6	CSA <sup>(8)</sup>	M135

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**IndustrialZone**  
P.O. Box 667306  
Houston, Texas 77266  
United States

(713)-395-1508  
Fax: (713) 893-6924  
support@industrialzone.com  
[www.industrialzone.com](http://www.industrialzone.com)

(1) A 10' shielded cable assembly with mating connector and clamp is available.  
 (2) Tested at 1000 inches/sec. with a 20 pitch, 30 tooth gear, 0.005" clearance and 100,000 ohm load shunted by 250 picofarads.  
 (3) Tested at 1000 inches/sec. with an 8 pitch, 12 tooth gear, 0.005" clearance and 100,000 ohm load.

(4) Tested at 1000 inches/sec. with an 8 pitch, 12 tooth gear, 0.005" clearance and 1250 ohm load shunted by 250 picofarads.  
 (5) Tested at 25°C with 12 Vdc, 20 pitch, 30 tooth gear, 0.005" clearance and 100,000 ohm load. Voltage output is independent of speed.

(6) Tested at 100 inches/sec. with an 8 pitch gear, 0.005" clearance and 100,000 ohm load.  
 (7) Tested at 50 inches/sec. with a 16 pitch gear, 0.005" clearance and 100,000 ohm load.  
 (8) Only as part of CSA certified system/assembly.  
 (9) Usable with any instrumentation.