

# INTRINSICALLY SAFE MAGNETIC PICKUPS

**Standard  
Sensitivity**

**CRANE**  
A Crane Co. Company

**DYNALCO  
CONTROLS**

| 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.          |             |
|---------------|-----------------------------|---------------------------------|-----------------|--------------|------------------------|------------------|--------------------------------------------|---------------------------------|----------------------|--------------------|-------------|
|               |                             | 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> | <b>M201</b> |
|               |                             | 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> | <b>M231</b> |
|               |                             | 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> | <b>M134</b> |
|               |                             | 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> | <b>M135</b> |

**IndustrialZONE.com™**

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- (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.