## EXPLOSION PROOF MAGNETIC PICKUPS

## FOLIE NO. TO USE FOR COMOLING Output Voltage Peak-to-Peak Characteristic Clave Craup Third Party Approved Outout Polority Outout Connector Cross Section OC Resistance Model No. mayortance Hazardous **Environment** A Crane Co. Company -3/4-20 UNEF-2A LOCKNUT 1/2 NPT ISTED UL 60-100 -100°F to 170-210 M104 35 mH White 30" #18 AWG Leads 6 CSA(8) **BLIND END** Volts(3) + 200°F Ohms Nominal Lead UL<sup>(9)</sup> HOUSING (POLE Hex Positive PIECE DIA 1 in. 3.125 ±.062 -5/8-18 UNF-2A LOCKNUT -1/2 NPT 23-33 White 30" #18 AWG Leads 9 5 CSA(8) M180 -100°F to 170-210 29 mH BLIND END Volts(2) UL (9) + 200°F Ohms Nominal Lead HOUSING Positive Hex PIECE DIA .094 REF.) 1 in. 2.750 ± .062 MIN 3/4-20 UNEF-2A LOCKNUT 1/2 NPT 0 CSA(8) 23-33 -100°F to 170-210 29 mH White 30" #18 AWG Leads 9 5 M140 BLIND END Volts(2) $UL^{(9)}$ + 200°F Ohms Nominal Lead (POLE PIECE DIA .187 REF.) Hex Positive 1 in. 3.125 ± .062 LOCKNUT -5/8-18 UNF-2A 1/2-14 NPT .106 ± .002 160-240 CSA(8) M160 -65°F to 1000-1300 360 mH White 18" #18 AWG Leads Volts(2) + 225°F Ohms Nominal Lead Hex Positive -.031 1 in. -2.125 ± .020

<sup>(1)</sup> A 10' shielded cable assembly with mating connector and clamp is available.

<sup>(2)</sup> Tested at 1000 inches/sec. with a 20 pitch,30 tooth gear, 0.005" clearance and 100,000 ohm load shunted by 250 picofarads.

<sup>(3)</sup> Tested at 1000 inches/sec. with an 8 pitch, 12 tooth gear, 0.005" clearance and 100,000 ohm load.

<sup>(4)</sup> Tested at 1000 inches/sec. with an 8 pitch,12 tooth gear, 0.005" clearance and 1250 ohm load shunted by 250 picofarads.

<sup>(5)</sup> 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.

<sup>(6)</sup> Tested at 100 inches/sec. with an 8 pitch gear, 0.005" clearance and 100,000 ohm load.

<sup>(7)</sup> Tested at 50 inches/sec. with a 16 pitch gear, 0.005" clearance and 100,000 ohm load.

<sup>(8)</sup> Only as part of CSA certified system/assembly.

<sup>(9)</sup> Usable with any instrumentation.