



Linco-Electromatic, Inc.

web: www.lemc.com

GP-6 Portable Optical Pulse Generator

The LEMC model GP-6 Portable Optical Pulse Generator is designed for meter proving totalizer applications which require an accurate and stable generation of square wave output pulses of typically 1000 electrical pulses per revolution. In addition, the unit provides an output of one pulse per revolution to drive meter proving totalizer gating circuits. The LEMC Model GP-6 is rated for industrial use and is sealed against dust, oil and moisture. The unit operates on a standard 12-24 volt DC supply and easily attaches to a right angle drive assembly in the sales meter stack. Stock units provide 1000 pulses per revolution. Special order units can be provided.



FREQUENCY RANGE:

0-20,000 Hz
0-1200 RPM

POWER REQUIREMENTS:

12-24 VDC
+ or - 10% 100 Ma Maximum

OUTPUTS:

Signal - 0-12 VDC square wave
source 12 VDC at 2.2K ohm
Sink 10 MA.
1 pulse per revolution: 12 VDC
to O square wave
Sink 10 Ma.

OPERATING TEMPERATURE:

-40 degrees F. to 185 degrees F.

BEARINGS:

ABEC Class 5 or better

CONNECTORS:

4 pin female MS-3102A-14S-2S
A - Ground
B - 1 pulse per revolution signal
C - 1000 pulses per revolution signal
D - +12 VDC

SIZE AND WEIGHT:

Diameter - 2 3/8 inch
Length - 9 inches
Weight - 2.25 pounds

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