

# MP-10 Magnetic Pick-up



## Operation Manual

Model MP-10 pick-up provides a sine wave output whenever there is an abrupt change from non-magnetic to magnetic material moving past the sensor pole. The output voltage is directly proportional to the change in magnetic flux intensity over the change in time.

### MOUNTING

Unit will mount in a 5/8" threaded hole and is provided with 2 jam nuts to secure the sensor.

### ADJUSTMENTS

Pick-up should be adjusted for a typical clearance of 0.01" (0.25") between sensor and gear. This adjustment will provide excellent sensitivity and resolution.

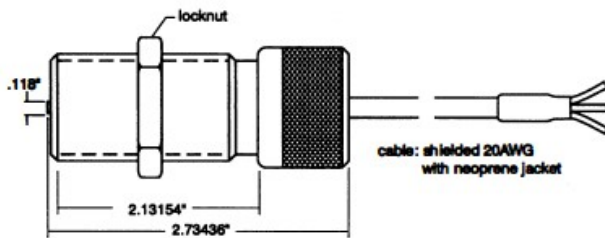


### CONNECTIONS

Lead	Terminal
Bare	Sensor Cable Shield
White	Signal Output
Black	Common 0 V

\* Polarity: White lead positive with respect to black with the approach of ferrous metal

### DIMENSIONS



### SPECIFICATONS

Temperature Range: -40 to 221°F (-40 to 105°C)

Resistance: 1150 +/-20% Ohms

Inductance: 425 mH Max.

### SPEED VS. VOLTAGE

