

## Signal-Powered Digital Peak Speed with Memory Tachometer

**2-Year  
Warranty**

### FEATURES

- Designed for steam turbines, turbochargers, and other high speed applications.
- Holds last ten (10) peak speed readings.
- Time/date stamps speed in real time.
- Provides total run time (hourmeter function).
- Signal and power derived from magnetic pickup.
- CSA approval for Class I, Division 1, Groups A, B, C, D.
- Field-configurable.
- 1 RPM resolution
- High shock, vibration, and moisture resistant.
- Standard SAE case size fits panels with 3-3/8 inch (86mm) openings.
- Gasketed and spray-proof.



#### \*THIRD PARTY APPROVALS

##### **SPH-100**



*Canadian Standards Association  
(CSA): Class I, Division 1, Groups  
A, B, C, & D with M204 and M205.*

## SPECIFICATIONS

### EXTERNAL POWER REQUIREMENTS:

No external power required. Power is generated by magnetic pickup.

### DISPLAY:

Five active digits (0 to 99999), LCD display; character height of 0.5 inches (13mm).

### INPUT SIGNAL VOLTAGE:

Minimum signal amplitude is 4.0 VRMS.

### TEMPERATURE RANGE:

**Operating:** -5°F to +158°F (-20°C to +70°C).

**Storage:** -40°F to +195°F (-40°C to +90°C).

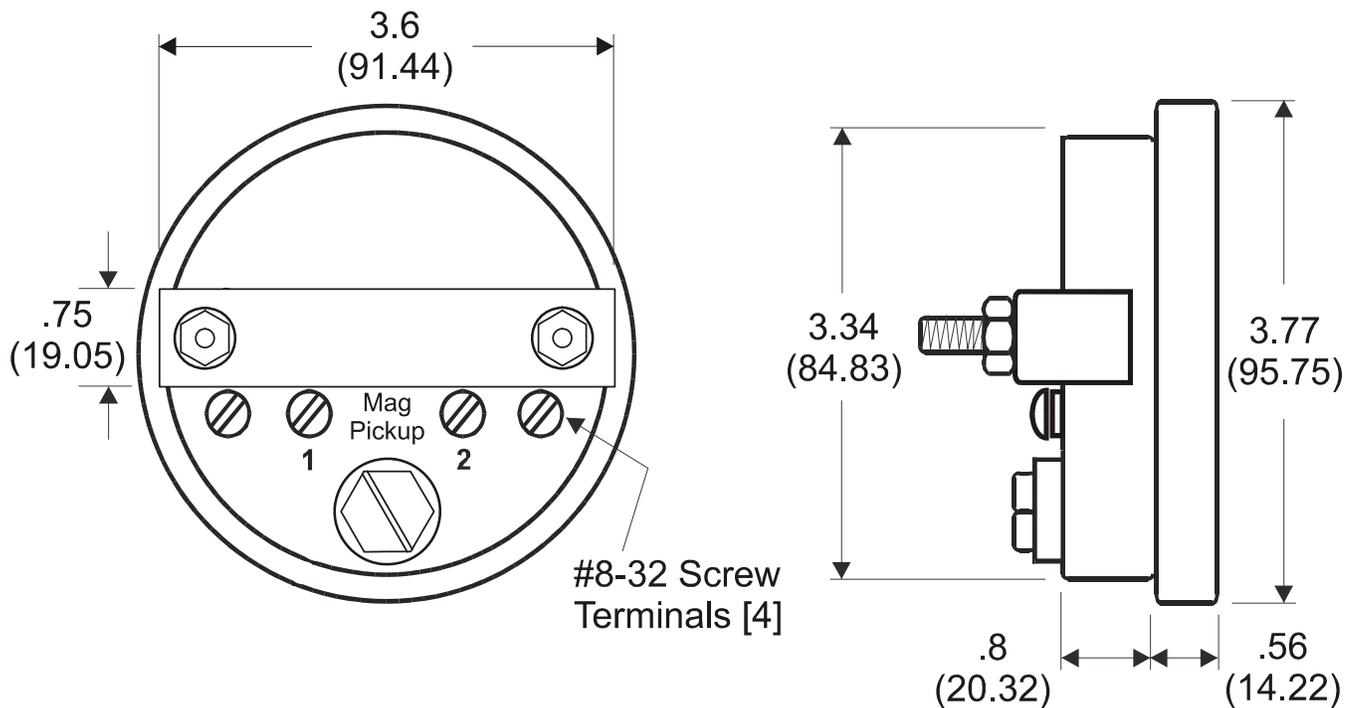
### ACCURACY:

One RPM resolution; within 0.5% (0.1% typical at room ambient) under all combined environmental conditions.

### MAGNETIC PICKUPS:

Dynalco magnetic pickup model M204 and M205 are recommended.

## OUTLINE AND CONNECTION DRAWING



*Dimensions in inches  
(millimeters)*