Signal-Powered

SPH-100 Digital Peak Speed with Memory Tachometer



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.

DYNALCO

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).

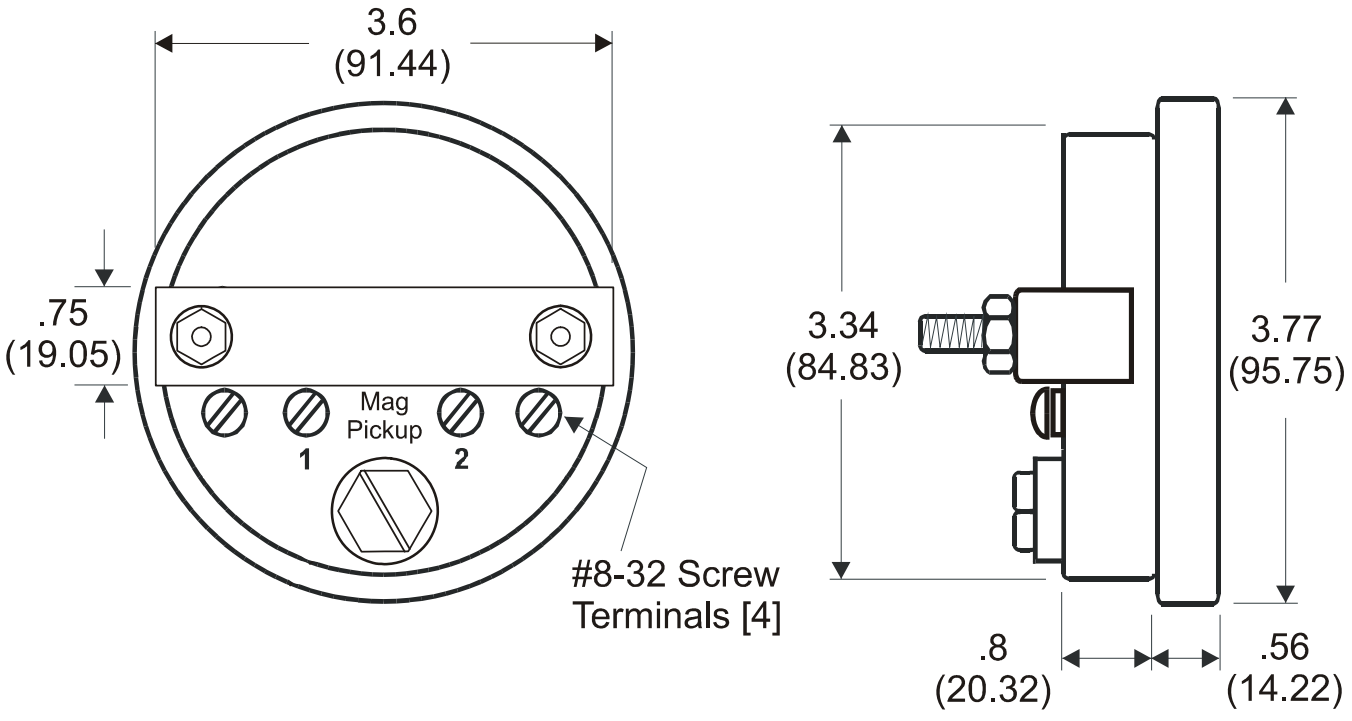
INPUT SIGNAL VOLTAGE:
Minimum signal amplitude is 4.0 VRMS.

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)

DYNALCO

CRANE
A division of Crane Co.