

Digital Timing Indicator THTI4.2

The THTI4.2 is a microprocessor-based high precision ignition timing and RPM indicator.

Features:

- Simultaneous Indicating of RPM and DEG
- Accurate Measurement of Ignition Timing
- Precise Digital Readout of Engine Timing Degrees
- Accurate Tachometer
- Sensor Failure Indication

The Digital Timing Indicator give a numerical readout of the ignition system timing point in degrees before or after top dead center.

Input signals are from no.1 cylinder and a magnetic pickup to sense a top dead center reference.

The RPM and DEG values are displayed simultaneously on a backlighted LCD display.

Electrical Specifications:

Power requirement: 90-230V AC, 50-60 Hz or 100V-300V DC, 1VA-0.5VA or 1W-500mW

Timing Angle Measurement

Measurement Range: 0° to ±179° (360 Degrees) with 1 Degree increment readout

Internal Measurement Accuracy: ±0.1 DEG

Tachometer

Tachometer range: 100 RPM to 2000 RPM with 1 RPM increment readout

Internal Measurement Accuracy: ±0.1 RPM

Temperature Compensated Reference Oscillator

Ambient temperature range: -20°C to +70°C (limited by LCD display operating temperature range)

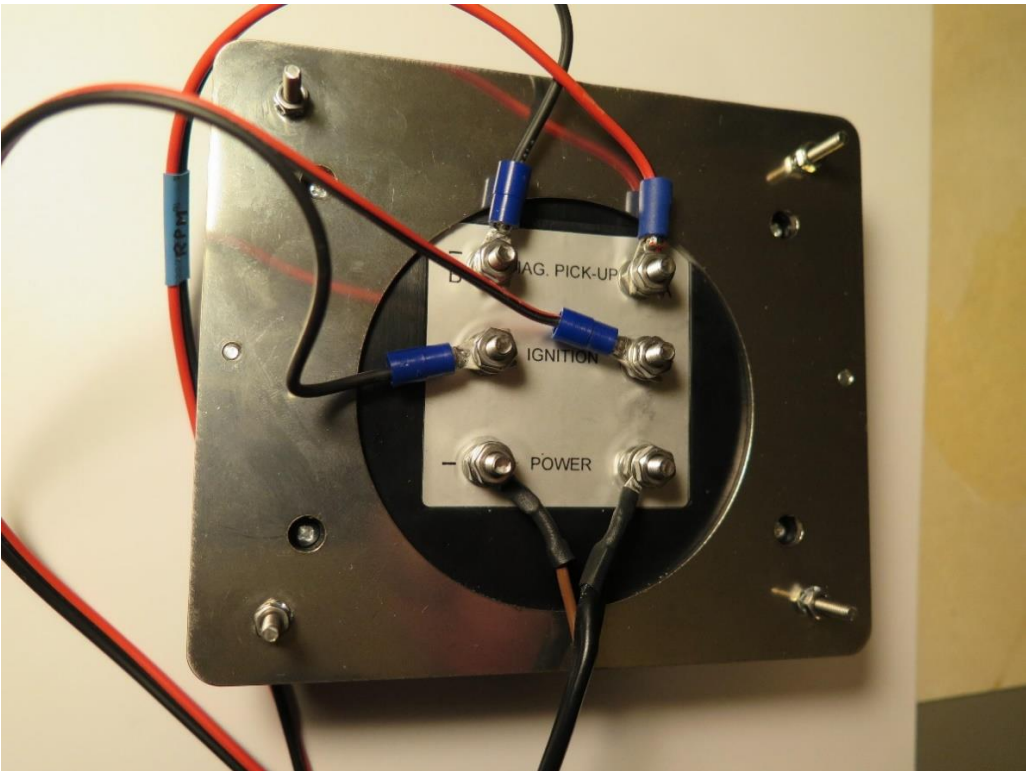
Sensor Inputs are compatible with all Magnetic Pickup and VR Sensors with the following specifications:

- Magnetic Pickup Pulse Output Requirements for RPM Input: 5V peak min. @ 1mA min.
- VR Sensor Pulse Output Requirements for IGN Input: 30V peak min. @ 1mA min.

Front view



Rear view



Front view again



If no signals from sensors

