

LTK-001-01

PHOTOELECTRIC TACHOMETER KIT



LTK-001-01 KIT INCLUDES:

- (1) SICK Photoelectric Sensor
- (1) 32' Sensor Cable
- (1) Adjustable Mounting Bracket
- (1) Magnetic Base
- 72' Reflective Tape (1" wide)
- (1) ICP PulseDriver™
- (2) 15' BNC Cables
- (1) Signal/Power Cable Harness
- (1) Portable Storage Case

LTK-002-01 KIT INCLUDES:

- (1) LTK-001-01 KIT
- (1) Spare Photoelectric Sensor
- (1) Spare 32' Sensor Cable
- (1) Adjustable Mounting Bracket
- (1) Magnetic Base

LIGHT TACH SENSOR SPECS

Sensing Range: 0~11 feet
Supply Voltage: 10~30VDC
Enclosure Rating: IP67
Operating Temp: -10~50 °C
Connector Type: M8, 4-pin

ICP PULSEDRIIVER™ SPECS

Frequency Response: 0.1~20k/s
Divider Circuit Range: 1~255
Operating Temp: 0~80 °C
Current Excitation: 2~20 mA

For More Information and Pricing
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When taking vibration measurements on rotating machinery, it is crucial that you record tachometer pulses along with vibration data. A photoelectric sensor along with reflective tape that is attached to the rotating element will provide these speed pulses for data analysis.

The LTK-001-01 Light Tach Kit contains a photoelectric sensor and all the accessories need for your non-contact speed measurements. Optional LTK-002-01 Kit available that includes spare sensors, signal cable, and mounting hardware.

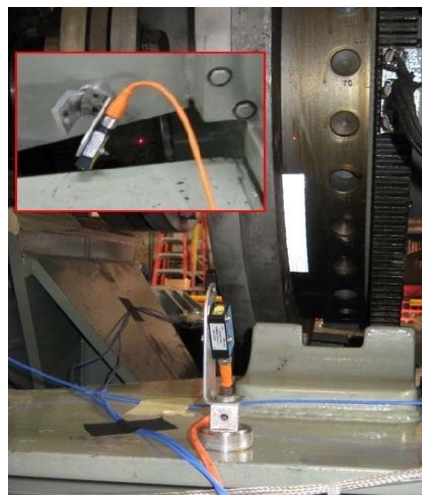


Figure 1. Sensor Installation Example

Options & Accessories

- External Battery Pack
- Additional Sensors & Cables
- Additional Reflective Tape
- BNC Connectors & Adaptors
- Data Acquisition Hardware
- iTestSystem DAQ Software

Kit Hardware & Sensor Features

- Photoelectric Retro-reflective Sensor
- ICP Tachometer Preamplifier/Divider
- Sensor Mounting Brackets & Magnetic Bases
- Excitation Power Supply
- Power and Signal Cable Harness
- BNC and Sensor Signal Cables
- Reflective Tape
- Portable Carrying Case

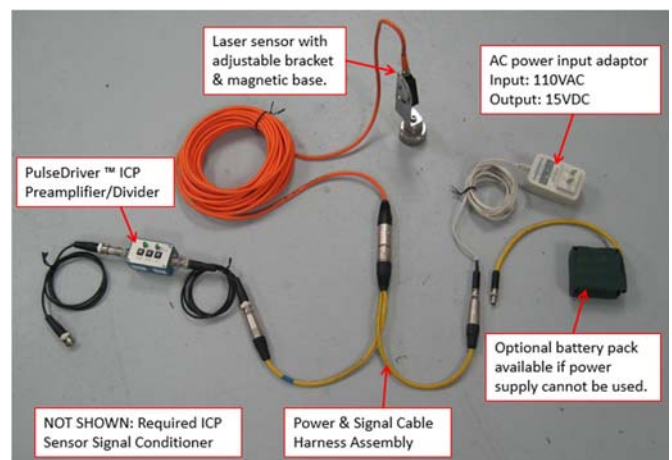


Figure 2. Light Tach Kit General Configuration

Ordering Information

Part No.: LTK-001-01
LTK-002-01

Base kit containing single sensor, cable, and mounting hardware.
LTK-001-01 kit with spare sensor, cable, and mounting hardware.



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