

GE200 HP Gas Engine Inductive Sensor

Description

The new GE200 HP is a non-contact electromagnetic inductive sensor designed for making RPM measurements on gasoline engines. The sensor will detect the high voltage flux field being induced from ignition coils or magnetos on 2 or 4 cycle gasoline engines. The GE200 HP must be connected to the Monarch amplifier module which provides input power and a TTL pulse output. The GE200 HP includes an integral 15 foot (5 m) cable that can be extended to 150 feet (50 m).



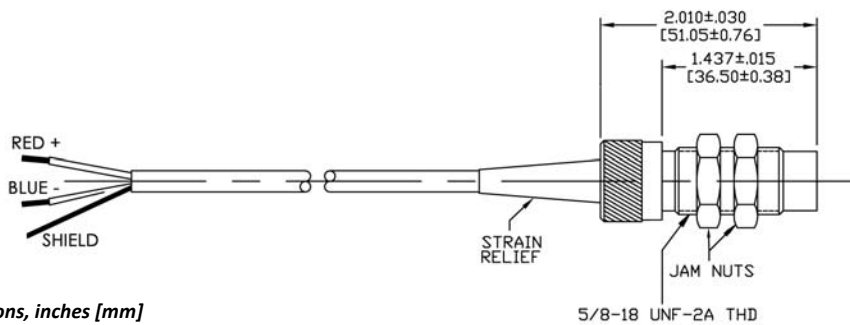
Operation of GE200HP Sensor

The GE200HP sensor can be mounted up to 12 inches (30 cm) away from the ignition coil or magneto. The sensor will detect the electromagnetic flux field through metal engine covers. To find the optimal mounting position, simply move the sensor around the high voltage flux source until the display on your tachometer indicates a steady RPM reading.

NOTE: Some engines will read ½ the actual RPM if the detector is pointed at 90 degrees to the flux source. For accurate and repeatable measurements ensure that the sensor is mounted

firmly and is parallel to the high voltage flux source.

The GE200 HP is connected to the Monarch amplifier module and the amplifier module is connected to your tachometer or data acquisition system. The most popular application is using the GE200 HP with P/N: 4180-404R magnetic amplifier and connecting it to a ACT-3X Panel/Bench top Tachometer to display RPM. See the specification sheet for the ACT-3X, which includes: 0-5 Vdc, 4-20mA, TTL pulse outputs, 2 alarm relays, RS232, USB or Ethernet options.



Dimensions, inches [mm]

Ordering Information

P/N	Description
6180-014	GE200 HP Inductive Sensor with 15' cable (amplifier module required for proper operation. Select below)

4180-405R	Amplifier module, 3 foot cable with 3.5mm phone plug
4180-406R	Amplifier module, 3 foot cable with 3 tinned leads



4180-405R
Amplifier module

