



Single Level Speed Switch: P/N R4901

Serial No. _____. This number corresponds to the number inside and on the bottom of the speed switch of identification.

Order Information:

Sensor Input: Pulses per revolution (gear teeth, magnets, etc.) = _____

Ignition Input: Number of cylinders = _____

R8970 (R870) sender: For 1 engine rev the sender drive turns: _____ rev(s);

For vehicle speed: Turns per mile (transmission cable drive) = _____

Trip Point = _____ RPM or MPH

Range (if specified) = _____ to _____ (RPM or MPH)

Not latched or latched

Operating voltage = 12 VDC or 24 VDC

General Information:

Output: Relay contacts – normally open (NO), normally closed (NC), and common (COM): the common contact switches from the normally closed to the normally open contact at and above the trip point.

Output Rating (maximum): 1 amp @ 24 VDC resistive, 0.3 amp @ 24 VDC inductive (coil load)

IMPORTANT: If amp load exceeds the above amperage, an optional relay such as the R7021 is necessary.

Operating Voltage:

12 V units: 10 – 16 VDC

24 V units: 16 – 30 VDC

Reverse Voltage Protection:

12 V units: -12 VDC indefinitely, -400 V transients

24 V units: -24 VDC indefinitely, -400 V transients

Latch Option:

If latch option is specified, the output (after the trip point) will remain energized until the power is removed from the unit for approximately one second.

Adjusting the Trip Point:

The trip point is factory set as ordered. If necessary, it can be adjusted with a small screwdriver. Remove the cover to access the adjustment. See the diagram on the reverse side of location. Turning counter-clockwise (CCW) increases the speed setting. Make only a small change and then recheck the trip point.

Installation Hints:

- 1.) Unit is not sealed...mount in cab, etc., away from harsh environments.
- 2.) Ground enclosure to help shield against CB or other radio interference.

