



Dual Level Speed Switch P/N R4902

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

Order Information:

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

Ignition Input: Number of cylinders = _____

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

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

Lower Trip Point = _____, Higher Trip Point = _____ RPM or MPH

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

Not latched or Latched

Higher 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 (N/O), normally closed (N/C), 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 1 second.

Adjusting the Trip Points:

The trip points are factory set as ordered. If necessary, these can be adjusted with a small screwdriver. Remove the cover to access the adjustments. See the diagram for locations. Turning counter clockwise (CCW) increases the speed setting. Make only a small change then recheck the trip point.

Installation Hints:

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

