

**Intellitec**

131 Eisenhower Lane N., Lombard, IL 60148
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www.intellitec.com

Voltage Sense Module

00-00974-000

The Voltage Sense Module, 00-00974-000 is a three wire unit that is used to sense the level of voltage of a vehicle battery. This module can be used with Intellitec's Programmable Multiplex Control family to provide a form of Load Shedding for the 12 volt battery source.

The module is connected between the battery to be sensed and ground. The output lead is connected to an input of a PMC Input Module set up for a High Side input.

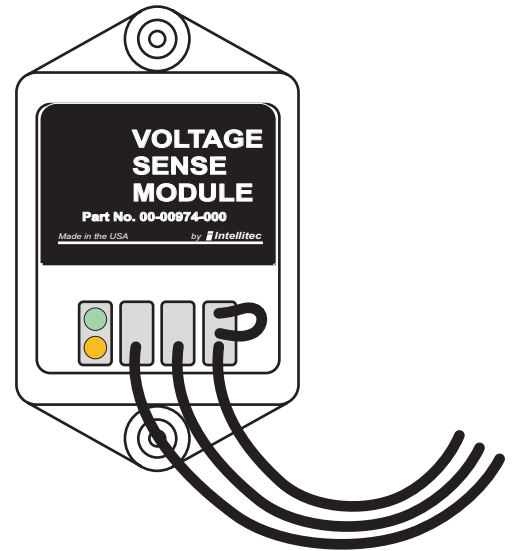
When the applied battery voltage exceeds 13.0 volts, the output lead pulls down and a green diagnostic LED lights. This indicates the system is charging the battery.

Once the voltage has exceeded 13.0 volts and then falls below 13.0 volts the green LED goes off, and an amber LED lights showing the battery is not charging. The output remains on.

When the voltage falls below 12.2 or 12.0, depending on a jumper being clipped, the amber LED goes off and the output goes off (high).

The output is protected against an accidental connection to a 12 volt source by an internal 1K ohm resistance.

The approximate module dimensions are 3.75" X 2.25" X 0.75" (95mm X 57mm X 19mm).





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SPECIFICATION

Module Part number 00-00974-000

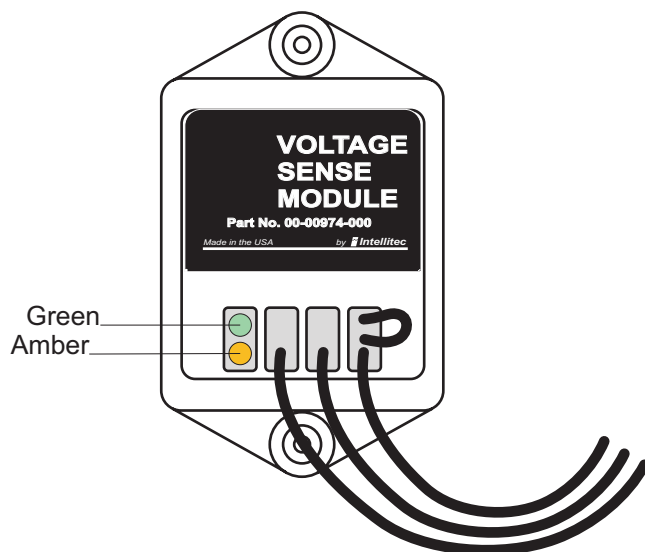
Nominal Vehicle Voltage 12V

High Voltage Threshold	13.0 +/-0.1
Low Voltage Threshold w/ jumper	12.2 +/-0.1
Low Voltage Threshold w/o jumper	12.0 +/- 0.1

<u>Wire Color</u>	<u>Function</u>
Black	Ground
White	Output
Red	Battery

Operating Environment Out of direct weather

Typical Connection





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