V11200 14V System Voltage Monitor
Low-Over Voltage Sensor

Features:		Benefits:
• Low Voltage (LV) Sensor & Warning	*	Conserve power & land[1]
• Over-Voltage (OV) Sensor & Warning	*	Preserve equipment from OV damage[1]

Low Voltage Warning: 12.8V ± 0.6V. Max Current Sink: 0.2A
Over Voltage Warning: 16.0V ± 0.5V. Max Current Sink: 0.2A
Storage/Operating Temperature: -50^{0}F to 125^{0}F. Weight: 0.3 lb Max

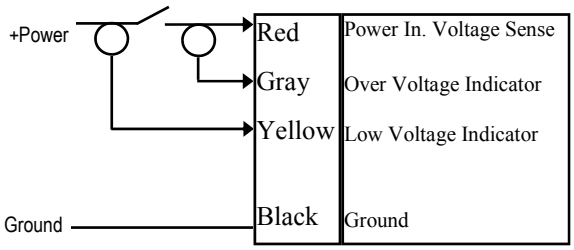
[1] *Requires action from pilot or system operator / design to turn off equipment or loads*

DESCRIPTION & HOW THE SYSTEM WORKS

The V11200 System Voltage Monitor (SVM) is a voltage sensor that provides Low Voltage and Over Voltage Warning, as well as Over Voltage Protected Load output.

LV Warning: With power applied to the SVM, if the monitored voltage drops below a preset level, the light connected to the Yellow (LV) wire will illuminate. The SVM provides ground to the light at LV fault. When the monitored voltage exceeds the LV level, the light will extinguish.

OV Warning: If the bus or monitored voltage rises above the preset OV level, the light connected to the White (0V) wire will illuminate. The SVM provides ground to the light at OV fault. The OV light will remain on until the power to the Red wire is removed or dropped below 5V.



INSTALLATION INSTRUCTION

1. Connect the Red wire to the 1A or 2A breaker/ switch as shown
2. Connect the Gray and Yellow wires to the LV and OV lights
3. If required connect the optional White wire to the OV protect load.
4. Securely tie wrap the SVM.

For 24V systems, use the V21200

The V11300 SVM has built-in Protected OV Load Output for driving Relays, Lights etc

We manufacture Alternator & Generator Controllers that combine Voltage Regulation with OV Protection, Low Voltage Sensor/Warning and other functions.

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