

BATTERY VOLTAGE SENSOR



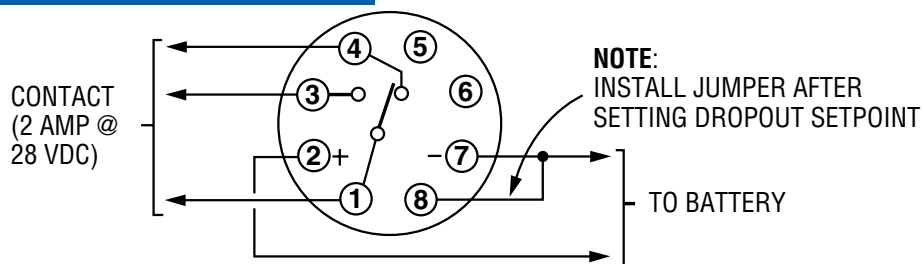
- Adjustable Pickup 10-40 VDC
- Solid state sensing circuitry
- Ultra stable, temperature compensated
- L.E.D. indicator
- Plug in package (8 pin octal)
- High resolution 10 turn adjustment pot
- Two amp form C output contact (CSA)
- Proportional time delay on dropout
- Quality Assurance System ISO 9001

The BVS 1930 Battery Voltage Sensor is specifically designed to monitor any battery system from 10 VDC to 40 VDC. An output relay with form-C contact is provided for connection to external circuitry. An LED is visible at the top of the sensor's case to provide instant recognition of status. The relay and LED both energize at the setpoint on increasing voltage. The delay on dropout is ideally suited to override engine cranking voltage dips on starter batteries.

MODEL CODE

BVS 1930 - STANDARD MODEL

EXTERNAL CONNECTIONS



SPECIFICATIONS

- Size: 2 in. x 2 in. x 4 in.
- Input current (max.): 100 MA
- Operating differential: Typically 2.5% of nominal voltage
- Ripple rejection (max.): 12.5% @ 60 hz.

- Weight: 12 oz.
- Dropout delay is proportional and varies from instantaneous (on total loss of voltage) to approximately 3 minutes for voltages slightly below the setpoint.

NOTE: Specifications subject to change without notice.
CL046 Rev.1 00/04/01

