

WE SENSE DISASTER...  
AND NOW YOU ARE IN CONTROL...

## DC Voltage Monitoring Sensors



The DC Voltage sensor allows the user to integrate a custom sensor to the sensorProbe series products, while still retaining all of the features of the standard sensors.

The DC Voltage sensor has the full range of functionality including SNMP integration, email and trap generation upon settable limits and thresholds.

Customers have added pressure sensors, DC voltage sensors, integrated the sensorProbe into laboratory test equipment and many other uses.

DC Voltage sensors can be used by OEMs and power users to create their own custom data collection systems. The user can configure sensor input voltage range from 0 to 30 volts. DC Voltage sensors can provide real time data from the world around them.

Readings are available in both raw data and as a percentage of full scale. Full scale is user programmable with both the base and top voltage from 0 to 30 volts. SNMP interface for alarm/normal status. SNMP traps sent when status changes. SNMP polling via get available. Web browser interface available. When an alarm condition is activated the description and location of the fault can be sent via email.

### Specifications

- Measurement range - High Warning, Low Warning, High Critical, Low Critical
- Communications cable - RJ45 jack to sensor using UTP Cat 5 wire, Maximum extension cable length 100 foot with approved low capacitance shielded cable or UTP.
- Resolution - 10 bit A/D converter
- Accuracy -  $\pm 2$ LSB
- Conversion time - 280uSec
- Measurement rate - multiple readings every second

### Features

- Power source: powered by the sensorProbe. No additional power needed.
- sensorProbe autodetects the presence of the security sensor
- Full autosense including disconnect alarm

Supported by: