

XLlogger

Voltage Sensor XLS1009



Technical Specifications

Input Voltage Range: ± 12.0 V

Maximum Input Voltage: ± 14.5 V

Resolution: 3.1 mV

Linearity: 0.01%

Input Impedance (to ground): 10 M Ω

Supply Voltage: 5V DC

Supply Current (typical): 9 mA

Output Voltage Range: 0 – 5 V

Instructions

- The voltage sensor measures in the range ± 12.0 V. Exceeding ± 14.5 V will cause damage to the sensor.
- The voltage sensor measures the potential difference across the input leads at a distinct point in time set by the sampling rate in the XLlogger software. AC voltages will be recorded as the actual potential difference at the time each reading is taken and will not, therefore, record an RMS value of AC voltage.
- Standard safety precautions for any low voltage electrical circuit work should be taken when using the voltage sensor.