

Current Sensor XLS1010



Technical Specifications

Range: DC ± 1.0 A

Resolution: ± 0.6 mA

Minimum detectable current: ± 4 mA

Toleration: Maximum 5W (0.01Ω)

Circuit Properties: Sensor grounded independent insulation

Instructions

- Please note that the current sensor is only suitable for measuring DC currents up to 1A. The sensor should not be used in experiments where this current may be exceeded.
- The current sensor will record a zero reading for currents less than 4mA. This prevents floating within the error range.
- When a current greater than 1A flows through the current sensor, the current will be shut off by an independent grounded insulation and excess current protective circuit. However, if the excess current continues to flow for more than a few seconds the current sensor will be damaged, although the protective circuit will prevent damage to the computer.
- Standard safety precautions for any low voltage electrical circuit work should be taken when using the current sensor.