1. Current Sensor

This adapter and probe set allows easy measurement of current in a DC circuit. When measuring voltage at the same time the negative terminal of each probe must be connected to the same point in the circuit.

- Range: ±1 A DC (max circuit voltage 25V)
- Nominal accuracy: ±1%

Applications: current measurement with resistor or lamp, Ohm's law, heating effect of current (with temperature sensor), power (with voltage probe), capacitor discharge.

Code	Pack	Price
LOG6078	Each	£52.00

1 LogIT world



2. Signal Adapter, 100mV

A compact signal adapter with built in amplifier and BNC socket termination. It allows the connection of sensors and equipment with a ±100mV DC output range.

- Range: -100 to +100 mvolts DC
- Resolution: 0.1 mvolt (100 microvolt)
- Nominal accuracy: ±2%
- Input impedance: 100k Ω

Code	Pack	Price
LOG6080	Each	£48.20

2 LogIT world



3. Linear Accelerometer

The linear accelerometer is a small robust sensor for measuring acceleration, including acceleration due to gravity. It is also able to detect tilt angle (relative to vertical), making it a useful general purpose tilt sensor.

- Range: -50 to +50m/s^2
- Resolution: 0.1m/s^2

Applications: acceleration due to gravity, measuring acceleration in dynamics experiments, impact and collision experiments, measuring tilt and angle, investigating the quality of lifts, comparing transport mechanisms for delicate objects.

Code	Pack	Price
LOG6086	Each	£114.96

3 LogIT world



4. Force Sensor

A versatile and compact sensor for measuring force in newtons.

- Range: 0 to 3N and 0 to 30N
- Nominal accuracy: ±3%

Applications: impacts, mass measurements, Newton's laws.

Code	Pack	Price
LOG6088	Each	£146.74

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