

# 100mV signal adapter

for the LogIT Microsense® system

## Instructions



### Overview

The Microsense® 100mV signal adapter contains a DC amplifier and allows sensors or equipment with a +/- 100mV DC output range to be connected to a compatible Microsense® data logger or interface (eg LogIT).

### In Use

The first thing you should ensure is that whatever you intend to connect has an output which is compatible and safe for use with this signal adapter - this should be in the range of -100 to +100 millivolts DC and must never be capable of exceeding +/- 1 volt or permanent damage may result.

Some software gives the facility to calibrate and re scale the adapters display.

More than one signal adapter may be used together in the same logger/interface but note that the screen is a common reference and all signal common's MUST be connected together (other signal adapters & leads are available from your supplier).

NB. This screen reference is NOT at 0 volts or earth of the logger or interface and this may cause problems if the outputs of equipment being measured & the computer are earthed to a common point. If you experience problems sharing a common earth try using in remote mode with battery power.

### Specifications

Range: -100 to +100 mV DC  
Accuracy: +/- 2% nominal  
Input impedance: 100K Ohm

### Care

Never apply greater than +/- 1 volts DC or *SERIOUS DAMAGE TO DATA LOGGER/ INTERFACE & ADAPTER WILL RESULT.*

Never expose to liquid, condensation or extreme temperatures.

Protect from dirt and other foreign particles entering the sensor.

Do not attempt to disassemble - there are no user serviceable parts inside.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or Retailer for recycling advice.

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