



### Features

- The VOD-3 consists of two identical optical input channels connected to a timer.
- The time difference between arrival of the first impulse at each channel (START and STOP) is measured and displayed on a liquid crystal display, which is easily read in daylight and poor lighting underground.

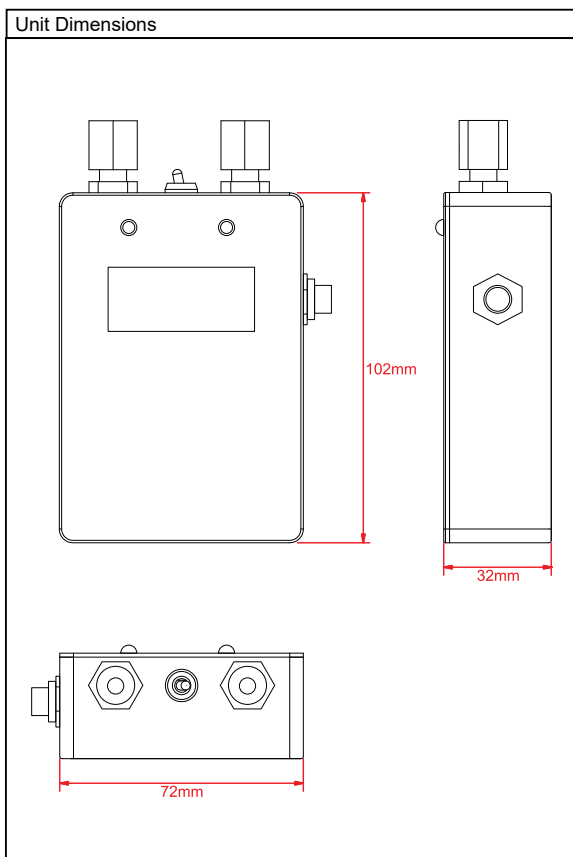
### Operation

- The START and STOP LEDs light up when the relevant input is activated.
- Before taking the measurement, the timer and the display must be cleared by pressing the RESET button.
- The VOD-3 is powered by a replaceable PP3 9V Zinc Carbon battery and is capable of 15 hours of continuous use.

### Notice and Maintenance

- All service work must be performed by authorised AEC Electronics personnel only.
- The VOD-3 should only be opened to replace PP3 9V Zinc Carbon battery.
- Exposure to temperatures above 60°C will cause permanent damage to the liquid crystal display.

### Specifications



Measuring Range	0.1-1999.9µs.	
Accuracy	±2.0µs throughout the range.	
Optical Inputs	Accepts 2.2mm diameter fibre optic lines.	
Optical Sensors	Fast PIN type photodiodes.	
Battery	Type	PP3 9V Zinc Carbon
	Capacity	Over 15 hours of continuous use. Replace when display shows LO BAT.
Unit Dimensions	102mm x 72mm x 32mm.	
Unit Mass	0.33kg.	
Temperature Range	-5°C to 45°C.	

#### Warning and Disclaimer

The information and recommendations in this document are provided for reference purposes only and should not be construed as advice to cover every application of the product or variation of conditions under which the product may be used.