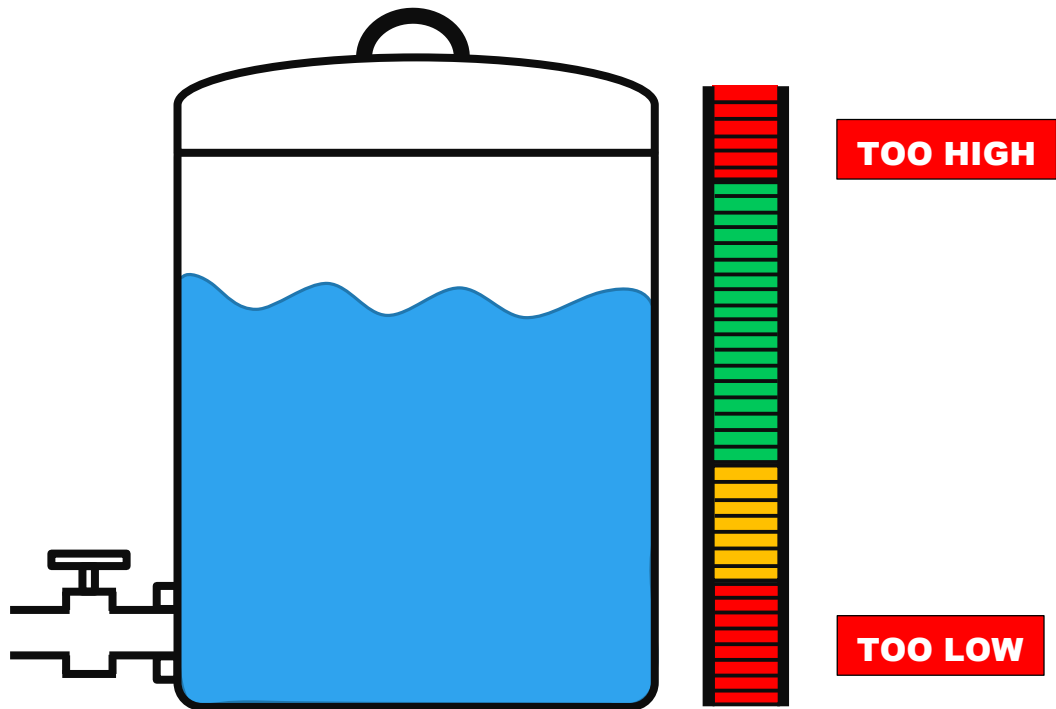




# Water Level Detector



## Introduction

A commercial water detector circuit is used to detect the presence of water and can provide a reading or an alert.


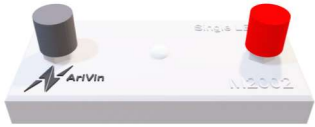
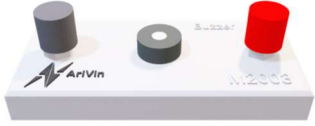





Some common applications that are useful in our daily lives includes measuring the level of water in a tank, sensing of raindrops to close a roof window or detecting water leakage to prevent flood etc.

This experiment will simulate a water tank that needs to fill up the water to a fixed level i.e. not too low and not too high. The circuit will give an alert when the water level becomes too high or vice versa. Students will learn how to connect a basic circuitry using this real life example.



# Water Level Detector

## Materials Supplied

	Name	Picture	Qty
1	Switch Module		1
2	LED Module		1
3	Buzzer Module		1
4	Crocodile Clips (colours may vary)		6
5	Battery Clip		1
6	Metal Probes (different length)		3
7	Metal Probes Holder		1
8	Measuring Cup		1

## Materials Required (Items that are not included)



**1 x 9V Battery**

**1 x Tissue (piece)**

**1 x small bottle of water (500 ml)**

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