

Liquid and Water Level Switch Sensor

Features:

The Liquid and Water Level Switch Sensor operates using a magnetic reed switch housed within a sealed plastic float assembly. As the liquid level rises or falls, the float moves vertically, changing the state of the internal reed contacts. When the float drops approximately 0.25 inches below the horizontal plane, the contacts close, completing the circuit. When it rises by about 0.5 inches, the contacts open. This action allows precise liquid level monitoring and control in tanks or containers. The sensor's construction uses high-quality plastic, ensuring corrosion resistance and durability. It supports Normally Open (NO) or Normally Closed (NC) wiring configurations and can control pumps, alarms, or valves in water, hydroponic, or aquarium systems.



Specifications	
Switching Voltage (Max)	100V DC
Switching Current (Max)	0.5A
Contact Rating (Max)	10W
Contact Resistance	≤200mΩ
Electric Strength	AC1500V / 1min
Operating Temperature Range	-20°C to +80°C
Pressure Rating	1 MPa
Float Length	85mm (3.35")
Cable Length	400mm (15.7")
Material	Plastic
Color	Black
Diameter	25mm
Body Length	80mm
Installation Type	Supports Normally Open / Normally Closed
Operation Principle	Float-actuated reed switch
Usage	Liquid level control for tanks, aquariums, hydroponics, and automation systems

Product Pictures:

