

Level Switchies

Top Mounted Magnetic Level Switches



Suitable for automatic operation of pumps gives change over contact at predetermined level step less adjustment of switching point entire range without interrupting to process. Switching contact arthritically sealed in glass hence safe and totally protecting them from surroundings of wetted parts : SS 304/S.S.316/PP/PVC Casing : Weather prorr/Flame proff

Side Mounted Magnetic Level Switches



Mounted on side of nozzle of the tanks, float position changes with the level which in turns with the help of magnetic coupling changes the switch contacts.

Used for :	Automatic pump control
	High & low level signals
	Safety interlock circuits
Available	Material of wetted parts SS304/316/PP/Teflon lined, Weather proof/Flame proff enclosures.

Cable Float Switch



Cable Float Switch is a control device for automatic On/Off pumps, motor and magnetic valves. It is also an alarm device at certain pre-determined surface levels. It is suitable for use in non-flammable liquids at 250 volts. In dangerous environments (e.g. wells and pumping stations) we recommend 24 V voltage. In potentially explosive atmospheres (e.g. oil tanks) the Switch can be used in conjunction with (Ex) I-isolator switch units. Due to its large float casing the float Switch has a buoyancy which guarantees smooth, trouble-free operation under all conditions. The switch has double chamber and a final remoulding finish to make it absolutely hermetic.

Installation:

Cable Float Switch is simply placed in the liquid so that the float follows the movement of the surface. The switching height differential is adjusted by moving the weight along the cable. The differential is minimum, when weight is nearest to the float. If the viscosity of the liquid is high, we recommend an extra weight on the cable.

Miniature Level Switch



Level Switches

Level switches work on permanent magnet reed switch basis. The floats which contain permanent magnets move freely between their stops rising or falling with liquid level movement. Hermetically sealed within the tube are reed switches, completely isolated from the medium. The magnet's field actuates the reed switch as the float moves while the stoppers restrict overrun and prevent the reed switch returning to its original position. Stopper positions should not be changed.