

Installation, Operation & Maintenance Manual for Side Mounted Level Switch

APPLICATION

This Side Mounted Level Switches can control the Level of various fluids.

SPECIFICATIONS

STANDARD VERSION

Housing material	: Die-cast Aluminum
Ingress Protection	: IP 65
Process Connection	: 92 PCD Square flange
Material of Wetted parts	: AISI 316 SS
Electrical connection	: ½" BSP (F)
Switch Differential	: Fixed < 20mm
Switch type	: SPDT
Switch rating	: 5 A / 250 VAC
Specific Gravity	: 0.8 Minimum
Temperature range	: -10°C to + 150°C
Maximum pressure	: 15 kg/cm ² .

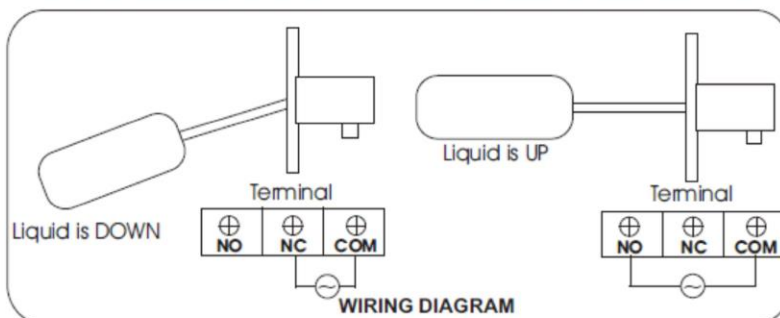
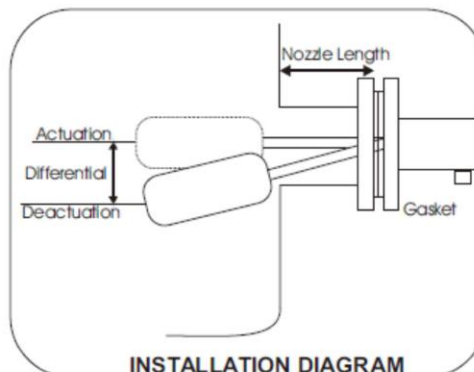


WORKING

The rise in liquid level moves the float in upward direction. It has a magnetic linkage which actuates the micro switch, that changes the contact from NO to NC & Vice Versa when liquid level comes down. The switch assembly is encapsulated in aluminium housing & it is isolated from the service media through stainless steel flange

INSTALLATION

- Please ensure that the process connection is matching to your Ordered Level Switch.
- The Nozzle length should be always less than the insertion depth of the Level Switch.
- Please ensure the free movement of the float in the tank. Proper gasket is to be fixed between the process connection & the instrument
- In ideal condition the float should be in the liquid chamber
- The terminals are fully isolates from this switches body
- Make connection as per your requirement.
- Use fork lugs for connection.
- Earthing screw is also provided to ground to this instrument



MAINTENANCE

The side mounted Level Switch hardly required maintenance on a regular basis. On some instances the devices may need a cleaning from deposited material.

STORAGE CONDITION

Environmental Temperature range 10°C ~ +60°C. Relative Humidity Max. 99%

The equipment sent back for repairs should be thoroughly cleaned or neutralized by the user.