





LIQUID LEVEL INDICATOR

Level Indicator consists of a Float. Metal structure & transparent tube. The transparent tube is provided above the mounting flange to visually indicate the liquid level inside the tank. The Indicator is a simple robust design to know the liquid level as well as to sense High, Low or multi level of the liquid in the tank using Reed Proximity Sensors. Also available with temperature controllers.

Indicator Length : 100mm to 2000mm

Reed Proximity sensor : PNP, NPN types in 24V DC NO type in 230V AC

Wetted parts : Nylon Foam, SS304, SS316

: Standard (MS Flange, SS Frame, Acrylic tube), SS 304, SS 316

Application: Coolant Oil, Hydraulic Oil, Water, Diesel, Furnace Oil, Edible Oil, Chemicals.





MAGNETIC LEVEL IND

The operating principle is based on magnetic field coupling. Float chamber is typically constructed with non magnetic pipe having process connections that matches to the vessel connections. Float size and weight is determined by the process fluid, pressure, temperature and the specific gravity of the process fluid. Float contains magnets to provide 360° magnetic flux field.

Float

Mounting Orientation : Top-Side & Top- Bottom Indicator System : Bi-colour Rotating Roller / Capsule Float Chamber : Non Magnetic Standard pipe

Scale : Aluminium / SS / Polycarbonate Process Connection: Flanged in various sizes MOC of Float Chamber; SS 304, SS 316, SS 316L, PP, Titanium Limit Switch Assy : SPDT Micro switch or Reed Switch

Application: Solvent Tank, Filler Tank, Brine Tank, Water Tank, Bulk Storage Tank, Oil & Crude Tank, Acidic & Alkaline Tank,



Tubular level indicator allows easy viewing of the liquid in the low to medium pressurised vessels/Tank. These gauges are fitted parallel to the process vessel/tank.

Indicating Gauge : Borosilicate glass

Connection : Flanged ASA 150#/ ASA 300# Protective Channel: Rectangular - CS / SS 304 / SS 316

: CS / SS 304 / SS 316 / PP

Application: Water Tank, acidic and alkaline Tank, bulk storage Tank, filter Tank, oil and crude Tank

Pressure Rating: Upto 10kg/cm² Temperature : Upto 200°C Indicating Range : 300 to 3000mm



: SS 304, SS 316, SS 316L, PP, Titanium



SIDE MOUNTED LEVEL SWITCH

The float lever carries a permanent magnet which is repelled by similar magnet mounted in the switch housing. The magnet having the same pole directed towards each other are separated by a non-magnetic diaphragm. The gland less construction offers excellent sealing.

Switch Type: Micro Switch, SPDT, 240V AC, 5A Enclosure : Weatherproof, Flameproof

MOC : Cast Aluminum, SS, PP Float : Dia 50, 60, 75

Flange : Standard Dia 120, 92 pcd MOC : SS 304, SS 316, PP

Max. Temp. : 150° C Max. Pressure: 20kg / cm²

Application: Hydraulic Oil, Boilers, Chemical and Pharma





FLOAT OPERATED LEVEL TRANSMITTER

Stem carrying series of reed switches and resistors forms a" Potentiometer " circuit which extends to the full indicating length of the transmitter. As the float travels through the indicating distance, the magnet located within it tap off the reed switches there by varying the resistance fed to the electronics which in turn converts the change in resistance to industry standard analog output.

Housing : SS 304, SS316 Probe Length : up to 3000mm

Float : SS 316 Maximum Temp. : 125°C

Mounting : Flange, Threaded Input : 24V DC

Enclosure : Weather, Flame & Water Proof Output : 4 - 20mA / 0 - 10V

Application: Diesel Tank, Solvent Tank, Hydraulic Tank, Water Tank (RO, DM, Soft, Raw), Acidic & Alkaline Tank, STP Tank

CAPACITANCE LEVEL TRANSMITTER

Capacitance level transmitter works on the principle of change in capacitance value, due to change in liquid level. Here the liquid acts as the dielectric, the probe and tank wall as electrodes. The change in capacitance value is converted to 4 - 20mA analogue output. It is available for conductive as well as nonconductive liquids. PTFE sleeve is provided to the electrodes for better insulation & to withstand high temperature.

Type : 2 wire, 3 wire, 4 wire Probe Length : up to 15000mm

Input : 24V DC Maximum Temp. : 105°C

Output : 4 - 20mA / 0 - 10V Mounting : Flange / Threaded

Application: Diesel Tank, Solvent Tank, STP Tank, Water Tank (RO, DM, Soft, Raw), Acidic & Alkaline Tank





ULTRASONIC LEVEL TRANSMITTER

Ultrasonic level transmitters are used to measure level of all kinds of liquids. The sensor generates ultrasonic sound waves which strikes the medium and returns. The electronics measures the time taken and then computes the distance of measured surface to the sensor. The transmitter generates a 4 to 20 mA current signal proportional to the liquid level, or to the distance of liquid from sensor.

Type : 3 wire, 4 wire Maximum Temp. : 65°C
Input : 24V DC Mounting : Flange / Threaded
Output : 4 - 20mA / 0 - 10V Measuring Range : 10000mm

Application: Diesel Tank, Solvent Tank, STP Tank, Water Tank (RO, DM, Soft, Raw), Acidic & Alkaline Tank

ADJUSTABLE LEVEL SWITCH

Adjustable Level Switch consists of separate Level Switch assembly for each level like Low, High, Middle or Multi-level. These individual level switch assy, are suspended through SS Rope & are freely adjustable along the SS rope. The level switch assy, are provided with adjustable disc which can slide through the SS rope & are secured to SS rope with stopper or cable tie at required levels. The cables are terminated inside a weatherproof enclosure. The adjustable Level Switch is provided with mounting flange of standard size.

Reed Housing: SS 304
Float: PU, SS316
Mounting: Flange
Enclosure: Weather Proof
Probe Length: up to 5000mm

Maximum Temp. : 70°C

No. of Switches : 1 to 10

Maximum Pressure : Atmospheric

Maximum Switching Voltage : 24V DC

Maximum Switching Current : 0.5A

Application: Water Tanks





MAGNETIC LEVEL SWITCH

Magnetic Level Switch consists of non-abrasive float carrying permanent magnet and non-ferrous stem carrying one, two, or multiple reed switches. The float glides along the stem and when the float nears the vicinity of reed switch, the magnetic field of permanent magnet forces the reed contact to close. The reed switch output are provided as potential free contacts.

Housing : SS 304, SS316, PP
Float : PP, PU, SS 316
Mounting : Flange, Threaded
Enclosure : Weather, Flame & Water Proof
Probe Length : up to 5000mm

Maximum Temp. : 125°C

No. of Switches : 1 to 10

Maximum Pressure : 10Kg/Cm²

Maximum Switching Voltage : 230VAC

Maximum Switching Current : 0.7A

Application: Water, Cooling Tower, Hydraulic Oil, Diesel, Edible Oil, Chemicals & Pharma.





MINIATURE FLOAT SWITCH

Miniature Float Switch is suitable for single level sensing. It consists of a Reed Switch housed inside the SS housing & a permanent magnet inside the Float assembly. The Float moving with the liquid level makes (NC) & breaks (NO) the Reed Switch contact. It is used for sensing Low, High or point level in Tank. The mounting is through a M10 male thread.

Housing : SS 304, SS316
Float : PP, SS 316
Mounting : M10 Male Thread with a nut
Maximum Temp. : 125°C

Maximum No. of Switches : 2

Maximum Pressure : 3Kg/Cm²

Maximum Switching Voltage : 230VAC

Maximum Switching Current 0.7A

Application: Hydraulic Oil, Water Boilers, Chemical & Pharma

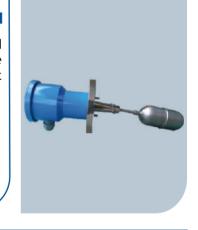
HORIZONTAL FLOAT SWITCH

The float lever carries a permanent magnet which is repelled by similar magnet mounted in the switch housing. The magnet having the same pole directed towards each other are separated by a non magnetic diaphragm. The gland less construction offer excellent sealing.

Switch Type: Micro Switch, SPDT, 240V AC, 5A
Enclosure: Weather proof, Flame proof
MOC: Cast Aluminum, SS, PP
Float: Dia 50, 60, 75

Flange : Standard Dia 120, 92 pcd
MOC : SS 304, SS 316, PP
Max Temperature : 1500 C
Max Pressure : 20Kg/Cm2

Application: Hydraulic Oil, Water Boilers, Chemical & Pharma





CABLE FLOAT SWITCH

The cable Float Level Switch is structured from chemical resistant polypropylene. Electrical switching circuit comprises of micro switch and Iron ball to control the contact. The switches are operated through an iron ball which enables ON or OFF contact signal when the floating angle is larger than a certain degree where the state of the iron ball and micro switch will be changed for actuation.

Switch Rating: 10A, 250V ACContact: Micro Switch with NO/NC ContactMOC: Copolymer polypropylene

Maximum Temp. : 50°C
Cable : Neoprene
Protection : IP 68

Application: Hydraulic Oil, Water Boilers, Chemical & Pharma



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