

TOP MOUNTED MAGNETIC LEVEL SWITCH

DESCRIPTION:

A reliable technique in industry for single / multiple liquid level sensing and control in open or pressurized vessels



APPLICATION:

Fuel oil tank control, Boiler feed water drum control, cooling tower Lubrication / cooling/ filtration systems, paint shops, water/waste water treatment etc.

OPERATION:

It operates on the basic buoyancy principle .It uses float that glides on the surface of liquids. This level switch consists of - Terminal Enclosure, Float Stem with Hermetically sealed Reed Switches and Float with magnets assembled inside. As the float rises or falls with liquid level, the internal magnet moves in or out of the field of the switch resulting in its opening or closing. A non-magnetic barrier tube containing the reed switch isolates it from the process. These type level controls are available for controlling level at up to four different preset locations and can virtually be made of any length. This switch is highly effective and cost shedding and also finds use in a wide range of industries.

SPECIFICATION:

Enclosure	: Weatherproof /Cast Al. IP66 Flame Proof to Gr.IIA IIB
Mounting	: Top
Max Length (below flange)	: Up to 3000mm (more if required)
Process Connection	: Flange / Thread
Wetted Part	: SS/MS/PP/PTFE/PVDF
Float Dia	: 30,52,60 mm
No. of Floats	: Single/ Multiple (Max.4)
Switch Type	: Reed Switch (SPST/SPDT)
Conduit Connection	: 3/4" ET or 1/2" NPT
Guided Stem Dia	: 16mm
Min. Specific Gravity	: 0.8
Max. Temperature	: Up to 150° C, others on request
Maximum Pressure	: Up to 20 Kg/cm²
Process Connection	: Flange / Thread

FEATURES:

Reliable & low cost
PC/PLC/DCS, Alarm Annunciator configurable
Available with External Chamber



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