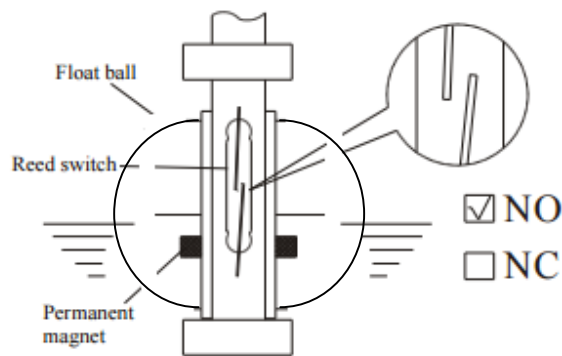


MAGNETIC FLOAT LEVEL SWITCH



❖ PRINCIPLE:-

The single unit or multiple reed switch units are housed tightly in stainless steel stem, and the permanent magnet is sealed into the middle of the specified float ball(s). You can mount the float ball to penetrating through the stem, and then the liquid buoyancy will deliver the float ball up and down at the specified position by graduating rings. When the float internal magnet approaches the reed switch, it will actuate the reed switch contact point to create an open or close circuit. We can apply such on-off output signals to reach liquid level controlling and monitoring purpose. The figures below show the float orientations on N.O. (Normal Open) and N.C. (Normal Close).



Rising float ball to actuate the reed switch

❖ FEATURES:-

- Multiple points measuring, multiple level points are available for custom-built.
- It uses the magnet to actuate the reed switch without any extra electric power source. Each reed switch is durable for operation life reaching 2 million times.
- All output signal wiring are simplified in same junction box (housing) to economize the external wiring construction. The housing protection rating up to IP65.
- Rugged construction and multiple options for materials from stainless steels as SS304, SS316, float switches can be used in various applications like water, oil etc. The reed switch and lead wire are isolated absolutely with liquids.

❖ PRIMARY AREA OF APPLICATIONS:-

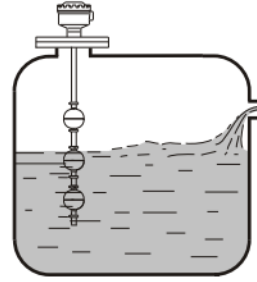
Shipbuilding Industry, Petrochemical Industry, Food/Beverage Industry, Water Purified Facilities, Electronic Industry, Dyeing And Finishing Industry, Chemical Industry, Hydraulic.

❖ DETAILS REQUIRED FOR QUOTATION:-

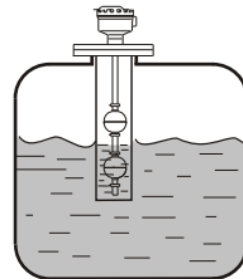
- 1) Height of the tank & height of the nozzle welded on it
- 2) Service/Name of the liquid
- 3) Material of construction of wetted parts
- 4) Specific gravity of the liquid
- 5) Operating temperature
- 6) Operating pressure
- 7) Process connection details on which you are intending to mount level indicator.

❖ INSTALLATION:-

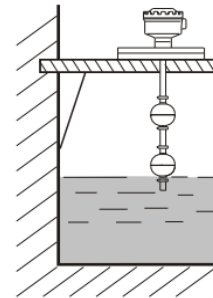
- The float level switch should be mounted far away from liquid inlet, Any strong liquid fluctuation will produce error output signals.



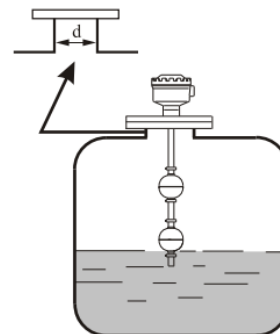
- It is requested a pipe shield or equivalent device to normalize the switch actuation if the switch is used with any agitator application.



- It had better require an L type supporter, when the switch is mounted in concrete wall tank as figure below.



- It is recommended to select standpipe With a diameter larger than the float ball for Installation process.



JAYCEE TECHNOLOGIES PVT LTD

Shed no.7, Nanekar Industrial Building,

Sr.no.79/2,Dangat Industrial Estate, shivane, Pune-411023

Ph #: 020-64703186, FAX: 020-25290744E, Mob. NO. 9371068669

Website: www.jayceetech.com ; E-mail: jayceetech@gmail.com, sales@jayceetech.in