YK Series Float Level Switch

Shine

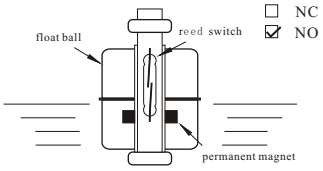
INTRODUCTION:

YK series float level switch are available oil, chemical, electronic industry, water facilities etc.

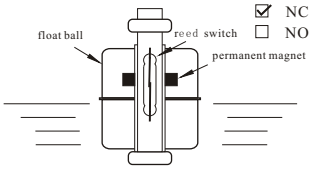
- Multiple points measuring, multiple level points are available for custom-built.
- Rugged construction and multiple options for materials from engineering plastics as PVDF, PP, and stainless steels as SUS316, float switches can be applied to versatile applications in chemical corrosion of acidity and alkalinity liquid, solvents or oil fuels.
- The reed switch and lead wire are isolated absolutely with liquids. All stainless steel switches are applicable to high pressure andhigh temperature performances

PRINCIPLE:

The single unit or multiple reed switch units arehoused tightly in stainless steel or engineeringplastic stem.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.



rising float ball to switch off.

Product Description :

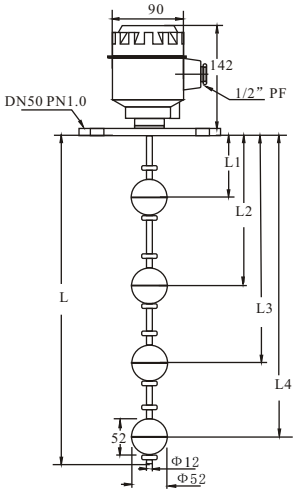
Power Rating: 70W 240VAC (Max.)
Switching Current: (Max.) 1Amps DC
Carry Current: 0.7Amps DC
Switching Voltage: (Max.)
200VDC/240VAC
Operating Tem.: -20～120°C
Max. 200°C
Material: SUS316/P.P./PVDF
Max. operating pressure: 15 or 30kg/cm².
Gravity: >0.55 or 0.8

ORDER INFORMATION:

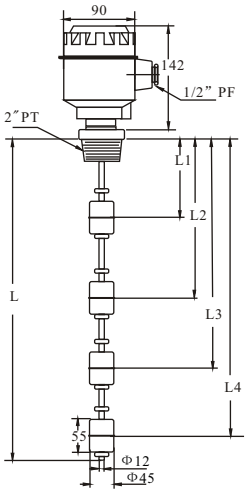
YK – A – 0 – 1 – 1 – 1000

- Housing type: A: Big space; B: Standard Type; C: P.C. Anti-acidity
- Connection: 0: Flange; 5: Screw
- Float type: 1: Φ28*28 SUS 316; 2: Φ45*55 SUS316; 3: Φ48*50 P.P.; 4: Φ52*52 SUS316; 5: Φ75*75 SUS316; 6: Φ60*70 PVDF
- Quantity: quantity of float
- Length: XXXX: mm(total)

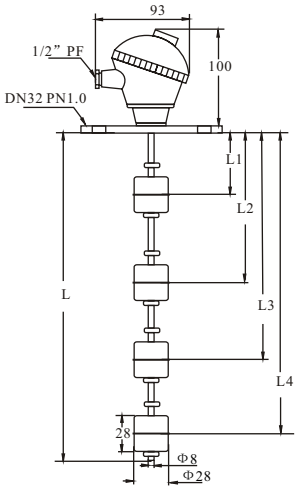
DIMENSION:



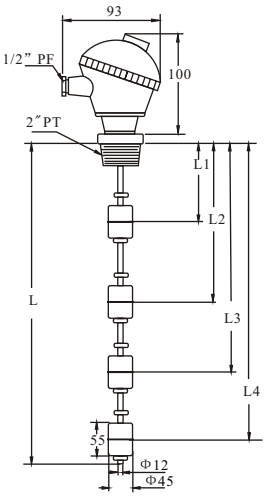
YK-A04
Float level switch



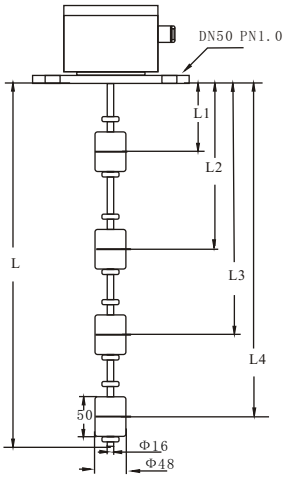
YK-A52
Float level switch



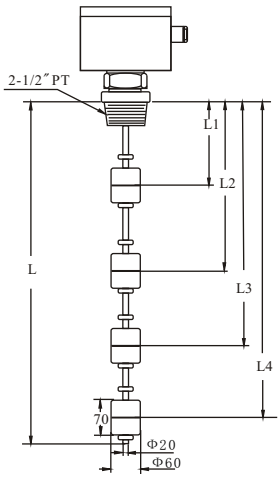
YK-B01
Float level switch



YK-B52
Float level switch



YK-C03
Float level switch



YK-C56
Float level switch

INSTLLATION:

1. The float level switch should be mounted far away from liquid inlet, any Strong liquid fluctuation will produce error output signals.
2. It is requested a pipe shield or equivalent device to normalize the switch actuation if the switch is used any agitator application.
3. The float S.G. must be smaller than the liquid.
4. Protective circuits such as: RC(snubber), varistors or clamping diodes are recommended.