

SFLS100 Series Small float level switch

MAIN FEATURES

- Lightweight, simple working principle, high reliability and low price.
- More than 30 kinds of floating balls with different materials and specifications are available.
- PP, PVDF, NYLON, POLYSULFONE and other plastic materials are provided to resist acid and alkali.
- Stainless steel material SUS 304/316, temperature resistance up to 200 °C; The maximum withstand voltage is 6MPa.
- Side mounting, top mounting and bottom mounting are available. Mouth specifications include M8~M16, 1/8"~1/2", PF/PT/BSP, etc.
- The wires are made of PVC, XLPE and PTFE.
- Special specifications can also be ordered



OVERVIEW

SFLS100 Series small float level switch is a liquid level control element with simple structure and convenient use. It has no complex circuit and will not be interfered. As long as the material is selected correctly, any liquid, pressure and temperature can be used.

WORKING PRINCIPLE:

The float is close to or far from the switch point in the rod body under the action of liquid buoyancy. When the float is close to the switch point, the magnetic steel in the float is also close to the reed pipe in the rod body, and the contact of the reed pipe is closed and connected under the action of magnetic force. On the contrary, when the float is far away from the switching point, the magnetic steel in the float is also far away from the reed pipe in the rod body, and the contact of the reed pipe is disconnected due to the loss of magnetic force.

Normally closed (N.C) When the liquid level rises, the magnetic reed switch is not conductive Normally open (N.O) When the liquid level rises, the magnetic reed switch is connected

APPLICATION:

In the fields of sewage treatment water purification, refrigeration equipment, water cooler, water dispenser, water boiler, dishwasher, household and commercial electric water heater, liquid medicine, etc., the liquid in sealed containers, storage tanks, open containers, pools and other containers shall be separately carried out. The signals shall be transmitted remotely, the on-site instructions shall be given, the liquid level shall be monitored, the liquid level shall be controlled by controlling the start and stop of pumps or the switch of valves, or the high and low liquid level alarms shall be given.

SPECIFICATION

Working temperature	20°C~80°C(PP),-20°C~120°C(200°C)SUS304/SUS316/PP
Working pressure	0.5MPa,1.5Mpa,2.5MPa,3.0MPa
Contact capacity	10W/250VAC,200VDC,70W/250VAC
Maximum switching current	0.5A
Maximum working current	1A
Contact type	Reed switch
Output	normally open, normally closed, normally open/closed
Gravity	0.55,0.7,0.9
Material	SUS 304/316, PP, PVDF, NYLON, POLYSULFONE
Mouth specifications	M8~M16, 1/8"~1/2", PF/PT/BSP or customized
Electrical life:	100000000 times

MODEL SPECIFICATION

<ul style="list-style-type: none"> Wetted material: SUS304/316L Installation method: vertical installation from inside to outside Installation dimensions: Φ 10 holes 	<ul style="list-style-type: none"> Wetted material: SUS304/316L Installation mode: from inside to outside, horizontal installation Installation dimensions: Φ 10 holes
<ul style="list-style-type: none"> Wetted material: SUS304/316L Installation method: vertical installation from inside to outside Installation dimensions: Φ 10 holes 	<ul style="list-style-type: none"> Wetted material: SUS304/316L Installation mode: from inside to outside, horizontal installation Installation dimensions: Φ 10 holes
<ul style="list-style-type: none"> Wetted material: SUS304 Installation mode: from outside to inside, horizontal installation Installation size: 1/2 "internal thread 	<ul style="list-style-type: none"> Wetted material: SUS304 Installation mode: from outside to inside, horizontal installation Installation size: 1/2 "internal thread
<ul style="list-style-type: none"> Wetted material: PP, polyamide, nylon, PVDF Installation mode: from outside to inside, horizontal installation Installation size: 1/2 "external thread 	<ul style="list-style-type: none"> Wetted material: PP, polyamide, nylon, PVDF Installation mode: from outside to inside (or from inside to outside), horizontal installation Installation dimensions: Φ 22 holes or Φ 16 holes
<ul style="list-style-type: none"> Wetted material: PP Installation method: vertical installation from inside to outside Installation dimensions: Φ 10 holes 	<ul style="list-style-type: none"> Wetted material: PP,SUS Installation method: vertical installation from inside to outside Installation dimensions: Φ 10 holes