

SFLS400 Cable Type Float Level Switch

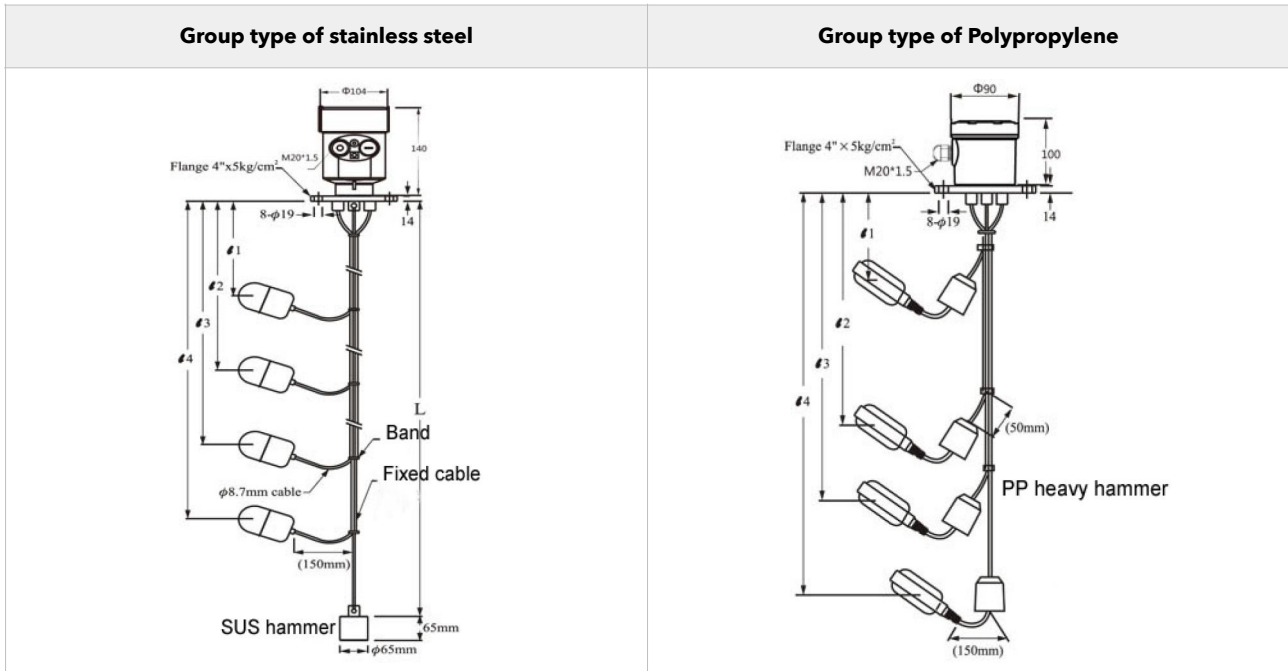
**WORKING PRINCIPLE**

SFLS400 cable float level switch is made of plastic injection molding, so it has strong structure, low price and long service life. Control of long distance, multi-point liquid level control, submersible pump or liquid containing granular / block. SFLS400 cable float level switch uses microswitch as contact output. When the upward line angle of the horizontal plane is more than 28, the steel ball inside the float level switch will sandwich and roll down to the microswitch or separate from the microswitch to output the on or off contact signal of the liquid level switch. SFLS400 series liquid level switch uses mercury switch as contact output. When the liquid level rises and contacts the floating ball, the floating ball changes its angle with the rise of water level with the center of heavy hammer. When the angle between the horizontal plane and the rising line exceeds 10, the liquid level switch will have on or off contact signal output.

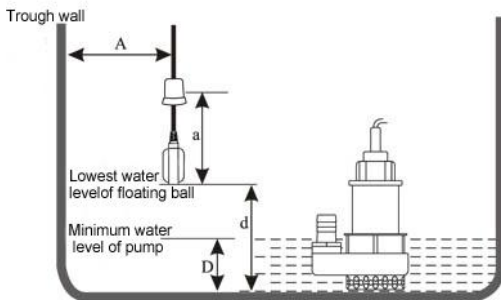


**TYPES & SPECIFICATION**

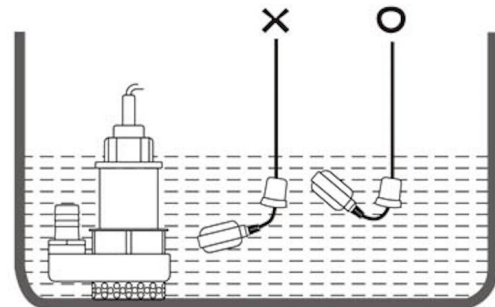
<p><b>Polymer type</b>          Float material: Polypropylene          Cable specification: 1.25mm x3c          Contact capacity: 10A / 250VAC          Contact type: SPDT          Applicable temperature: - 10 ° C-60 ° C          Applicable specific gravity: 0.6          Withstand voltage: 2kg / cm?          Cable material: Rubber          Switch life: 2 million times</p>	<p><b>Stainless steel type</b>          Floating ball material: SUS304 / 316          Cable specification: 0.75mmx3c          Contact capacity: 2A / 250VAC          Contact type: SPDT          Applicable temperature: - 0 ° c-170 ° C          Applicable specific gravity: 0.5          Withstand voltage: 2kg / cm '          Cable material: silicone rubber          Switch life: 2 million times</p>



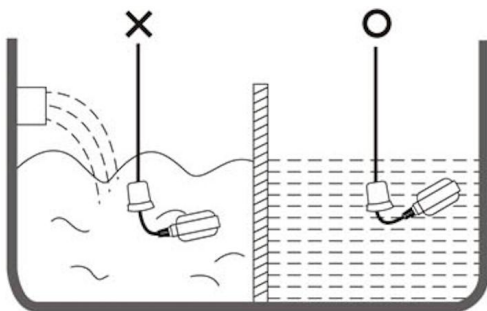
**INSTALLATION ATTENTIONS**



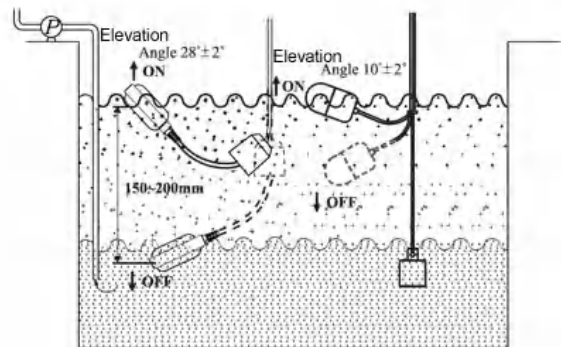
The action length (a) of the floating ball must be less than the distance between the tank wall and the cable (a), otherwise it is easy to adapt to the incorrect action. The minimum water level (d) controlled by the floating ball must be greater than the minimum water level (d) of the pump to protect the motor.



The installation position should be kept at a proper distance from the water inlet of the pump to prevent the float level switch from being sucked in by the water inlet.



The installation position should be kept at a proper distance from the water inlet to avoid incorrect induction caused by water impact; if it is unavoidable, wave proof pipe or wave plate can be installed for improvement.



The elevation of the floating ball is related to the position of the heavy hammer.

**ORDER CODE**

SFLS	Float level switch			
	<b>CODE</b>	Model type		
	400	Polymer type		
	410	Stainless type		
	420	Group type of polymer type		
	430	Group type of stainless type		
	<b>CODE</b>	Float number		
	-	1,2,3,4...		
	<b>CODE</b>	Cable length (mm)		
-	Customized as request			
SFLS	420	3	5	Order example

REMARK: Action distance

	NO	NC
$l_1$ : _____ mm	<input type="checkbox"/>	<input type="checkbox"/>
$l_2$ : _____ mm	<input type="checkbox"/>	<input type="checkbox"/>
$l_3$ : _____ mm	<input type="checkbox"/>	<input type="checkbox"/>
$l_4$ : _____ mm	<input type="checkbox"/>	<input type="checkbox"/>
L : _____ mm		