

ZNC-YW210 Side-mounted Float Level Switch



I. Product Introduction:

Side-mounted float switches use the buoyancy of the float to rise or fall with the liquid level to about 20 degrees from the horizontal, the arm end swings under the action of the lever, thus driving the microswitch in the junction box to turn on or off.

Side-mounted float switch in practice, when the float up and down movement due to buoyancy, the reed switch in the junction box is affected by the magnet at the end of the arm, and the 'NC' contact and 'NO' contact of the swap. The same principle is applied to the microswitch device, the magnet in front of the microswitch and the magnet at the end of the arm make repulsive movement and push the microswitch, resulting in 'NC' and 'NO' action.

II. Product features:

1. It can be installed horizontally on the side wall of the barrel tank or vertically on the top of the barrel tank;
2. 220VAC, 24VDC circuit can be used;
3. The control part is completely isolated from the measured liquid medium;
4. a variety of materials, a variety of connection methods to meet the needs of different environments;
5. lightweight (compact), long working life.

III. Applicable medium:

It is mainly applicable to the control of liquid level height under a variety of working conditions.

IV. Technical Parameters

Maximum pressure	Standard: 10 Mpa; Compact: 10 bar
Medium temperature	Maximum 350°C
Density of the medium	$\geq 0.75\text{g/cm}^3$
Output signal	Switching output
Contact capacity	Compact: 220VAC, 5A, SPDT; Standard: 220VAC, 5A, SPDT; High Temperature: 220VAC, 1A, SPDT; High Temperature Dissipation: 220VAC, 5A, SPDT; Corrosion Resistant: 220VAC, 5A, SPDT
Protection class	IP65
Explosion-proof grade	Ex d II BT6, Ex d II CT6
Material	SUS304, SUS316, PP are available.
Process connection	Threaded or flanged connections available

V. Instrument Selection

Type			Description
ZNC-YW210	□	/□	
产品类型	X0		Float Compact
	X1		Contact Rod Compact
	B0		Standard type
	B1		Standard High Temperature
	D0		Head Mount Standard
	D1		Head mounted high temperature type
	D2		Head-mounted high-temperature heat sink type
	S0		Hyperbolic Standard
	S1		Hyperbolic high temperature type
	S2		Hyperbolic high-temperature fin type
	H2		High temperature heat sink type
	F0		Simple anti-corrosion type
	F1		Standard corrosion-resistant type
Process connection method		F	Flange connection
		G	Threaded (M10 threaded for all compact connections)