

ZNC-YW120 Rod Float Level Switch



I. Product Introduction :

Linkage float level switch is a safe, reliable, easy to use and simple structure level controller. One product can realise multi-point control. It is characterised by long life, fast speed and strong load impact resistance. Linkage float level switch uses magnetic operation, no mechanical connections, simple and reliable operation. When the measured medium of the float switch floats the float, the float drives the main body to move, and at the same time the magnet at the other end of the float will control the magnet on the switch action lever.

Connecting rod float level switch in a closed metal or plastic tube, set up a point or more points of the reed switch, and then the tube through one or more, hollow and internally equipped with a ring-type magnet float, and the use of a fixed ring, the control of the float and the reed switch in the relevant position, so that the float in a certain range up and down. The magnets inside the floats are used to attract the contacts of the reed switches to produce open and close actions.

II. Product features :

1. All adopt reed switches produced by Russian factory;
2. 220VAC, 24VDC circuit can be used;
3. It can be used reliably under high temperature and high pressure;
4. The volume is light and compact, according to the need to achieve multi-point, remote control;
5. a variety of materials, a variety of process connection methods, can be selected.

III. Applicable medium:

Mainly suitable for liquid level control in wastewater/clean water treatment, shipbuilding, generator equipment, petrochemical, food, electronics, dyeing and finishing, chemical, rubber and plastic, hydraulic machinery, chemical and pharmaceutical industries.

IV. Technical Parameters

Maximum pressure	20 bar
Medium temperature	Maximum 250°C
Density of the medium	$\geq 0.75\text{g/cm}^3$
Output	Switching output, selectable contact capacity: 24VDC, 5A SPDT or 220VAC, 0.5A SPDT
Protection class	IP65
Material	SUS304, SUS316, PP are available.
Process connection	Threaded or flanged connections available

V. Instrument Selection

Selection					Description
ZNC-YW120—	—□	/□	/□	/□	
Junction box form	X				Compact
	B				Standard type
	F				Explosion proof
	N				No junction box
Number of action points		1			1 pcs
		2			2 pcs
		3			3 pcs
		4			4 pcs
		***			Customer Choice
Process connection method			F		Flange connection
			G		Threaded (M10 threaded for all compact connections)
Total length L				-XXXX	Total insertion depth, four digits in mm.