

Thread model



principle and characteristics

When the liquid level rises or falls, it drives the stainless steel magnetic float ball to move up and down, and the float ball triggers the magnetic spring switch in the detection rod to send a signal.

LF210 series of low price, long life, can be used for liquid level limit monitoring or continuous monitoring. Switching type can provide multi-ball multi-point monitoring, to achieve upper and lower limit alarm or continuous control.

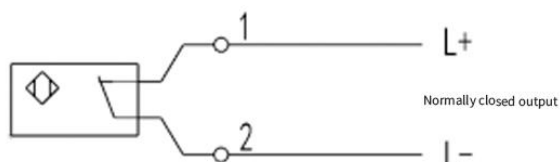
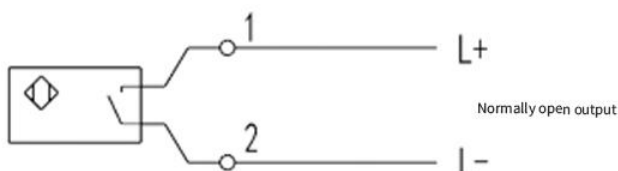
product application

Used for liquid level measurement with density $\geq 0.75\text{g/cm}^3$.

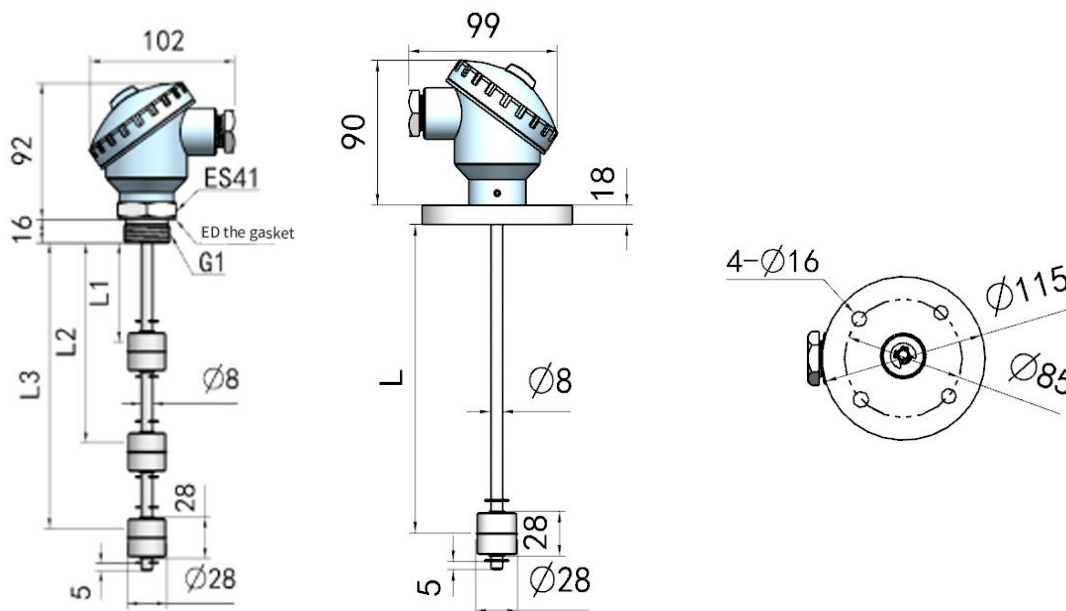
technical specification

- ◆ Maximum pressure: 5bar
- ◆ medium temperature: $-10^{\circ}\text{C}--130^{\circ}\text{C}$
- ◆ medium density: $\geq 0.75\text{g/cm}^3$
- ◆ Output type of switching quantity:
 - Contact type: Dry reed tube switch
 - Contact capacity: 250VAC. 0.5A
 - Output: normally open or normally closed
- ◆ Analog output type:
 - Power supply: $24 \pm 5\%$ DC
 - Output: 4–20mA analog quantity
 - load: $\leq 750 \Omega$
- ◆ Protection grade: IP65
- ◆ Wiring mode: terminal
- ◆ Material: stainless steel

wiring diagram



Size chart



Selection table

LF210-	A	L1	N	L2	F	G	X	B	1	specification
LF210-										LF210 series floating ball level switches
	A									monosfera
	B									Multi-ball
		L1								Measuring range: specially customized L1= mm
			R							Normally open + normally closed
			N							normally open
			F							normal close
				L2						Measurement range: special custom L2= mm
					N					normally open
					F					normal close
				L3						Measurement range: special customized L3= mm
					N					normally open
					F					normal close
Installation						E2				DN25 flanged joint
						E5				DN50 flanged joint
						G1				G1RA
						G2				G2RA
						X				Installation and connection material: 304 stainless steel
						XL				Installation and connection material: 316L stainless steel
						P				Installation connection material: PP polypropylene
						XC				Installation and connection material: stainless steel lined tetrafluorine flange
						B				Float material: NBR (φ 31)
						X1				Float material: stainless steel (φ 28)
						X2				Float material: stainless steel (Φ45) > G1 "thread
						F				Float material: anti-corrosion
									1	general sets
									2	Explosion-proof device

* The selection table is only available for parameter selection, and the corresponding code is delivered.