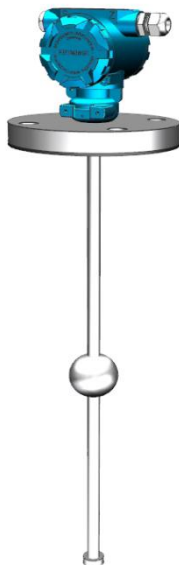


Strip show



no display



principle and characteristics

As the liquid level changes, the magnetic floating ball constantly starts the reed switch in the testing rod, which makes the total resistance of the sensor change, and the signal is converted to the standard 4–20mA signal output by the transmitter.

LF710 series of low price, long life, can be used for liquid level limit monitoring or continuous monitoring. It can be used with monitoring instrument to realize upper and lower limit alarm or continuous control.

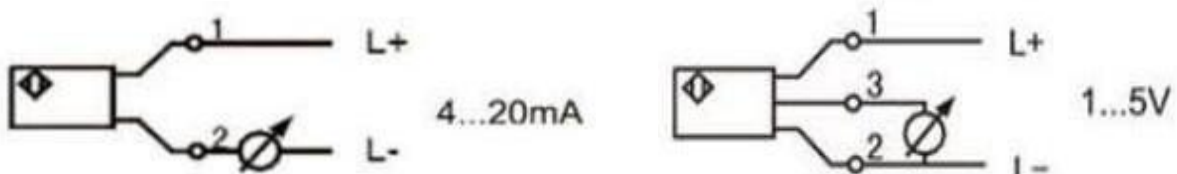
product application

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

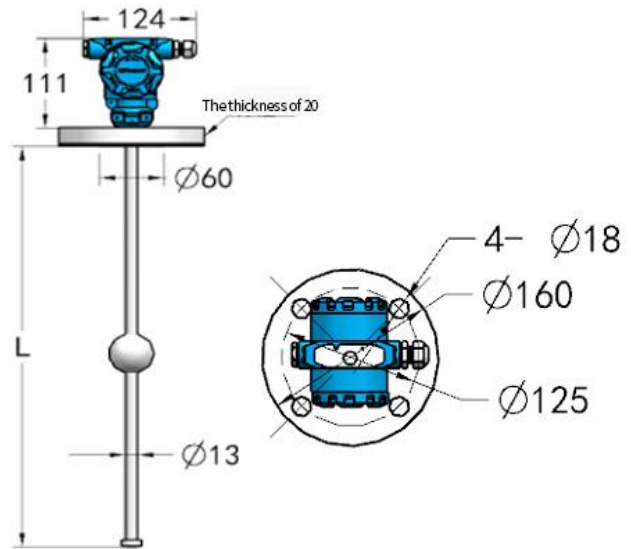
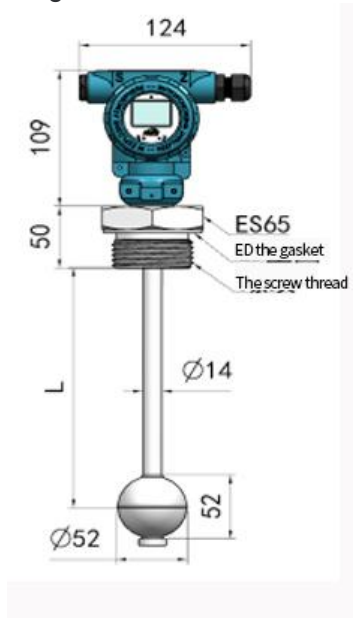
Technical specification

- ◆ Maximum pressure: 5bar
- ◆ medium temperature: -10°C — 130°C
- ◆ medium density: $\geq 0.75\text{g/cm}^3$
- ◆ Switching quantity output type:
 - 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: directly attached wire
- ◆ Material: stainless steel

wiring diagram



dimension figure



Selection table

LF710-	A	L	A	G	X	B	1	specification
LF710-								LF710 series floating ball type liquid level sensor
	A							Strip show
	B							no display
		L						Measurement range: special custom L=mm
			A					Analog quantity 4-20mA output type
			B					Analog quantity 1-5V output type
				E2				DN25 flange connection
				E5				DN50 flange connection
				G1				G1 female thread connection
				G2				G2 female thread connection
					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
						X		Float material: stainless steel (Φ45) > G1 "thread"
						F		Float material: anti-corrosion
							1	Basic Sets
							2	Explosion-proof device

* The type selection table is only for technical selection, and the corresponding type of the factory model is reflected by the code.