

Float Ball Level Switch

Product Description

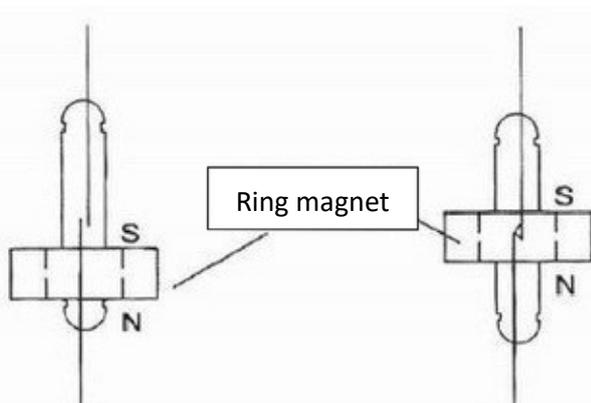
ISEN-LF series float level controller is a safe, reliable, easy to use and simple structure level controller. It is smaller, faster and longer-lasting than general mechanical switches, and compared with electronic switches, it has a strong resistance to load impact, so it has been widely used in shipbuilding, paper making, printing, generator equipment, petrochemical industry, food industry, water treatment, electrical, fuel industry, hydraulic machinery and so on. It is widely used.

Working Principle

In the sealed stainless steel tube (Nonconductive magnetism) outside through one or more ring magnet float, installed in the tube one or more reed switch, the liquid level rise and fall at the same time will drive the float to move together, when the float's magnet reaches the same level in the tube reed switch inside the sealed tube reed switch produces suction or disconnection action and output switch signal.

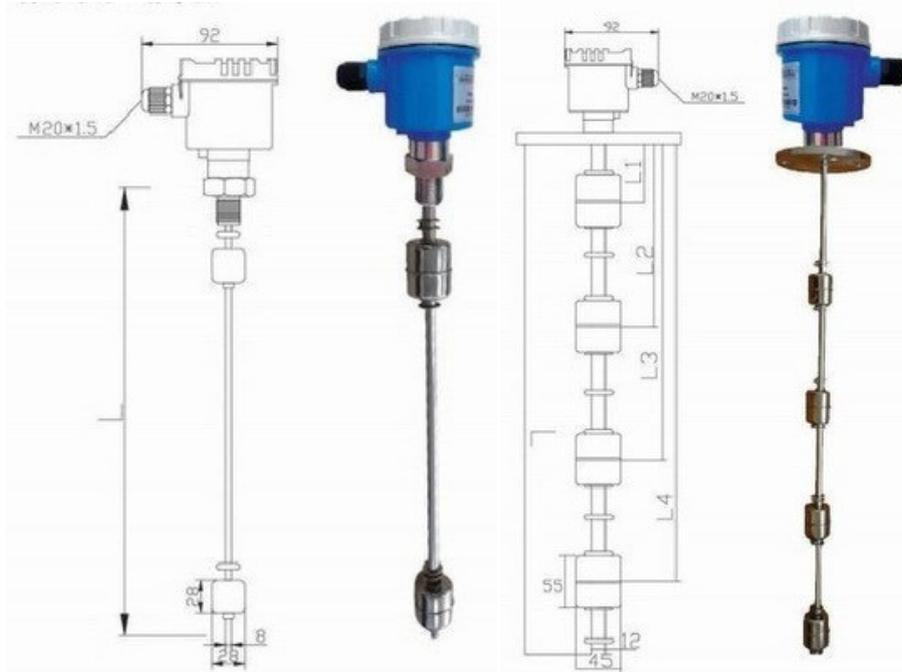
Technical Parameters

1. Contact capacity: 50W
2. Switching current: 0.5A
3. Switching voltage: 220VAC/24VDC
4. Insulation resistance >100MΩ
5. Working life: 1 million times
6. Working pressure: 1.0~3.0MPa
7. Working temperature SUS:-10~200°C PP:-10~80°C.
8. Specific gravity of medium >0.55
9. Product material SUS304/SUS316/PP/PE/PTFE



ISEN-VLF Series Connecting Rod Float Ball

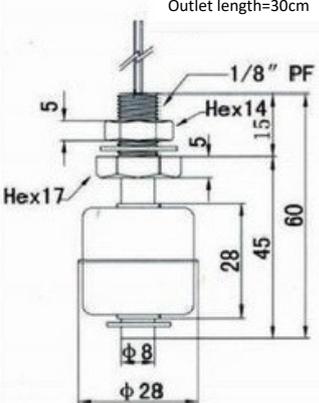
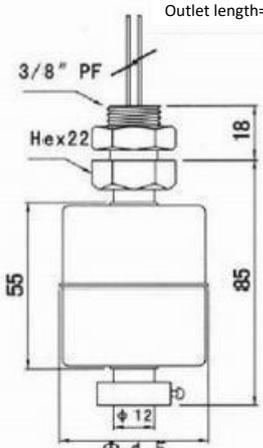
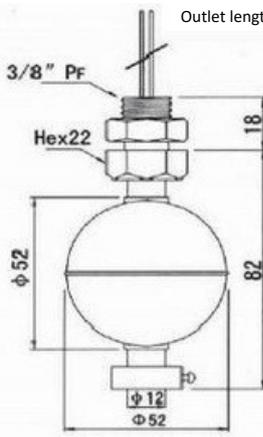
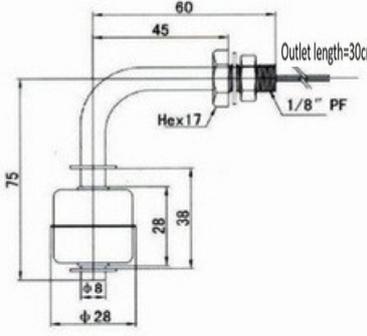
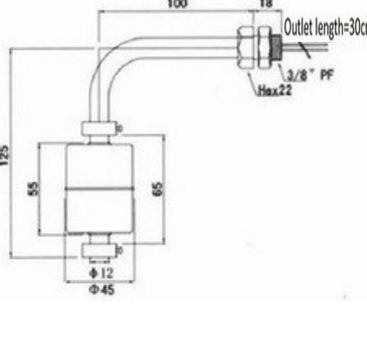
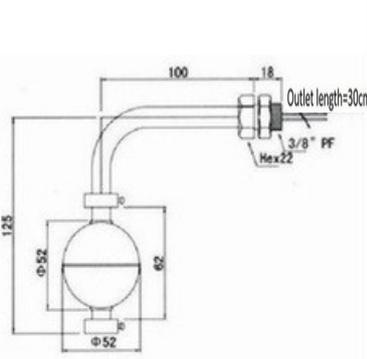
Connecting rod float ball Selection of standard products.



Selection Guide

Model	ISEN-VLF Series Connecting Rod Float Ball	
	Junction Box	
	E	Standard
	B	Explosion-proof
	P	Rustproof
	N	No junction box
	Float Specifications	
	A	SUS304 Ball $\phi 28 * \phi 28$
	B	SUS304 Ball $\phi 45 * \phi 55$
	C	SUS304 Ball $\phi 52 * \phi 52$
	D	PPBall $\phi 25 * \phi 25$ $\phi 48 * \phi 50$
	Action points	1、 2、 3、 4、 5 ...
	Connection type	
	F	Flange(SUS/PP)
	S	Thread(SUS/PP)
	T	Clamp(SUS/PP)
	TotalLength	L

ISEN-VLF Series Small Float Ball
Small float ball selection standard products

ISEN-VLF-10A	ISEN-VLF-10B	ISEN-VLF-10C
		
<p>Outlet length=30cm</p> 	<p>Outlet length=30cm</p> 	<p>Outlet length=30cm</p> 
ISEN-VLF-20A	ISEN-VLF-20B	ISEN-VLF-20C
		
<p>Outlet length=30cm</p> 	<p>Outlet length=30cm</p> 	<p>Outlet length=30cm</p> 

Selection Guide

Model	ISEN-VLF Series Small Float Ball						
	Mounting Position						
	0	Vertical installation					
	1	Horizontal mounting					
	Float specification						
	A	SUS304 Ball $\phi 28^* \phi 28$					
	B	SUS304 Ball $\phi 45^* \phi 55$					
	C	SUS304 Ball $\phi 52^* \phi 52$					
			Float Number	1、 2、、 3 4			
				Mounting Thread			
				1	1/8"PF		
				2	3/8"PF		
			3	G1/2"			
			4	Customisation			
				Outlet Length	L		

Metal Float Specifications

Model	Specification Size Outerdiameter - height - bore	Specific gravity	Pressure (MPa)	Weight (g)	Material	Temperature resistance (°C)
A	$\phi 28-\phi 28-\phi 9.5$	>0.7 5	1.0	8	SUS 316	200
B	$\phi 45-\phi 45-\phi 15$	>0.6 0	1.5	36	SUS 316	200
C	$\phi 52-\phi 52-\phi 15$	>0.5 5	3.0	40	SUS 316	200
D	$\phi 75-\phi 75-\phi 23$	>0.5 5	3.0	137	SUS 316	200



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