

The Need For Every
Process Industry

SPINK CONTROLS®

An ISO 9001:2015 Certified Company



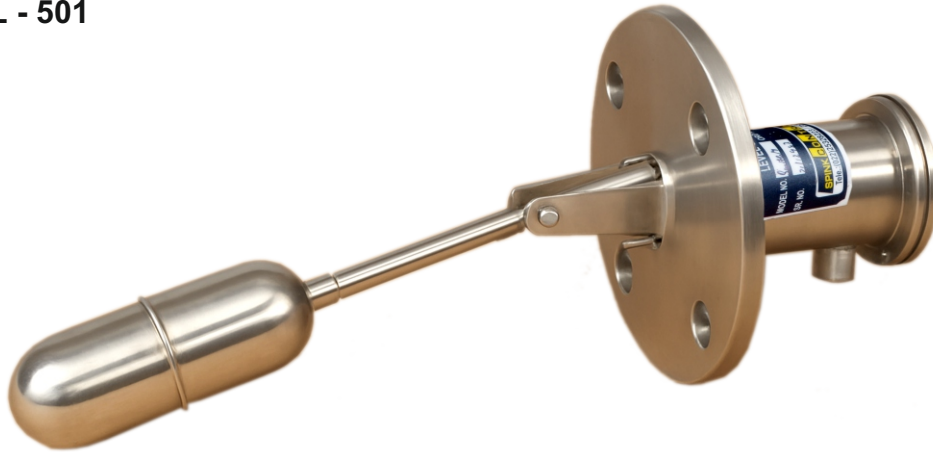
SIDE MOUNTED LEVEL SWITCH

MODEL: SC / L - 501

LEVEL

SIDE MOUNTED LEVEL SWITCH

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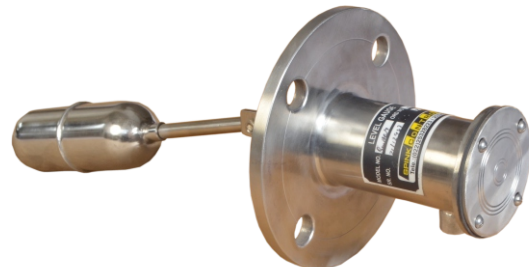
Spink Controls' Side Mounted Level Switch is a reliable and easy-to-install device designed for accurate liquid level control in tanks and vessels. It is suitable for both corrosive and non-corrosive liquids and finds application in **pump control, alarms, valve operation, and level indication**.

PRINCIPLE OF OPERATIONS

The switch operates on the **magnetic repulsion principle**, where the float contains a permanent magnet that interacts with a similar magnet housed within the switching unit. These magnets, positioned with like poles facing each other and separated by a **non-magnetic barrier**, ensure **glandless construction** and **leak-proof performance**.

The assembly comprises three primary components:

- ✓ **Switch Housing with Micro Switch**
- ✓ **Mounting Flange**
- ✓ **Float Assembly**



Built for durability and dependable operation, the **SC/L-501** offers long service life and can be customized in various materials and process connection sizes to meet diverse industrial requirements.

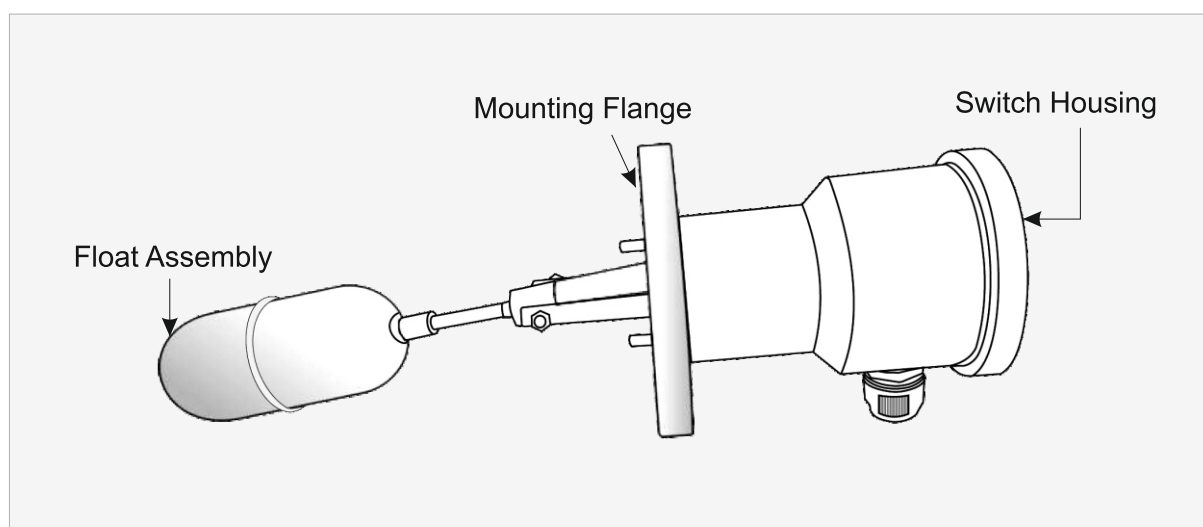
ENGINEERING SPECIFICATION

SWITCH TYPE	:	MICRO SWITCH – SPDT , DPDT
SWITCH RATING	:	5 amp, 240 VAC
ENCLOSURE	:	WEATHERPROOF, FLAMEPROOF
MATERIAL OF CONSTRUCTION	:	MICRO SWITCH – SPDT , DPDT
FLANGE	:	STANDARD : OD – 120, PCD – 92 mm. ANSI, BIS, DIN STANDARD FLANGES ALSO AVAILABLE
FLOAT	:	DIA 50, 60, 75 mm . OTHER ON REQUEST
DESIGN TEMPERATURE	:	150°C (HIGHER TEMPERATURE ON REQUEST)
DESIGN PRESSURE	:	20 kg/cm ² (HIGHER PRESSURE ON REQUEST)

MODEL SELECTION

Suffix Code	1	2	3	4	5	6	7	8	Parameters
Model	SC/L-501								Side Mounted Level switch
Micro switch		S							SPDT
		D							DPDT
Process Connection			F						Flanged end
			TC						Tri clover end
			TH						Threaded end
Float size				F1					Ø 50
				F2					Ø 60
				F3					Ø 75
Process Connection Material				P1					SS 304
				P2					SS 316
				P3					PP
				PX					Other on Request
Float Material					M1				SS 304
					M2				SS 316
					M3				PP
					MX				Other on Request
Enclosure						E1			Weatherproof
						E2			Flameproof
Heat Sink							S1		Required
							S2		Not Required

XX - Other on Request





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