

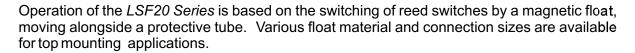
## INDUMART Canada Float-type Level / Temperature Switch

## SERIES: LSF20

- > UP TO 4 SWITCHING POINTS
- > 130°C MAXIMUM FLUID TEMPERATURE
- > BUILT-IN THERMOSTAT (OPTION)



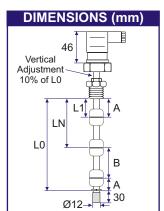
Indumart LSF20 Series of Float-type Level Switches is an excellent and economical solution for controlling height of liquids in tanks and reservoirs. The instrument can be supplied with up to four floats and switches to control and notify the operator of the various levels of liquid in the tank. In addition to level control, the LSF20 Series may be specified with temperature switch option to control the process temperature.

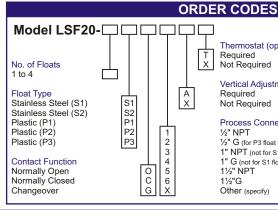


## **SPECIFICATIONS**

Float Type	St. Steel (S1)		St. Steel (S2)		Plastic (P1)		Plastic (P2)		Plastic (P3)	
Min. Specific Gravity	0.7		0.8		0.7		0.7		0.8	
Probe Length (mm) (¶)	1002000		1001000		1002000		1001000		1001000	
Ext. Tube Diameter (mm)	10		8		10		8		8	
Minimum Distance A/B (mm)	34/40		25/30		34/47		23/37		23/37	
Min. Process Connection	1½"		1"		1"		1"		1/2"	
Process Temperature (°C)	-20130		-20130		-2080		-2080		-20100	
Ambient Temperature (°C)	-2075		-2075		-2075		-2075		-2075	
Max. Process Pressure (psi)	450		150		60		60		Open Tank	
Protection	IP65		IP65		IP65		IP65		IP65	
Contact Type (†, ‡)	O, C	G	O, C	G	O, C	G	O, C	G	O, C	G
Max. Common Lead Contacts	4	2	3	-	4	2	3	-	3	-
Max. Separated Contacts	2	1	2	1	2	1	2	1	2	1
Max. Level Terminals (LT)	5	5	4	3	5	5	4	3	4	3
Level Contact Rating	230 VAC , 0.5 A									
Thermostat Contact Rating	250 VAC, 1.6 A									
Thermostat Actuation Point	40130°C (step 5°C); Tolerance ±5°C									

- ¶ Specify the exact length in 50 mm steps, while considering A/B minimum length. L0 is the total probe length. L1...L4, shown as LN in the dimension section, are lengths from the end of thread to the respective contact.
- † Different contact types can be ordered. For example you may order '1A1B' (first code for the top contact).
- ‡ Maximum two level contacts with common lead can be ordered with the thermostat option.





Thermostat (option) Required - Please specify lengths of Not Required L0, L1, L2, L3 & L4. Vertical Adjustment Required Not Required

**Process Connection** 

½" G (for P3 float only)

1" G (not for S1 float) 1½" NPT

1" NPT (not for S1 float)

1/2" NPT

1½"G Other (specify)

- If the thermostat option is require, please specify the switching temperature.
- Please specify the specific gravity of the liquid.





