

# L312B SERIES

## REMOTE CHAMBER LEVEL SWITCH IDEAL FOR EXTERNAL MOUNTING ON TANKS

### DESCRIPTION

The L312B Remote Chamber Float Liquid Level Switch is a compact level monitoring device designed for installations where internal tank mounting is impractical or impossible. Encased in its own metal float chamber, the L312B can be mounted on the exterior of a tank and supported through pipe connections. The switch and float mechanism are easily detached from their chamber for cleaning and maintenance procedures. Material options include brass or stainless steel mounts paired with a buna or stainless steel internal float.

### PRINCIPLE OF OPERATION

A hermetically-sealed reed switch is actuated by an internal magnet within the float. As the float rises and falls with the liquid level, the magnetic field passes the switch encapsulated within the stem and results in a switch state change.




### KEY FEATURES

- Compact Design, Requires Minimal Space
- Externally-Mounted
- Single Setpoint
- Interchangeable NO/NC Operation
- 1" Internal Buna or Stainless Steel Float
- SPST or SPDT Switch Options

### ELECTRICAL

- Output:  
SPST 20 VA, SPST 50 VA,  
SPST 100 VA or SPDT 3 VA

### APPLICATIONS

-  Storage Tanks
-  Cooling Towers
-  Sight Glass Replacement

### SPECIFICATIONS

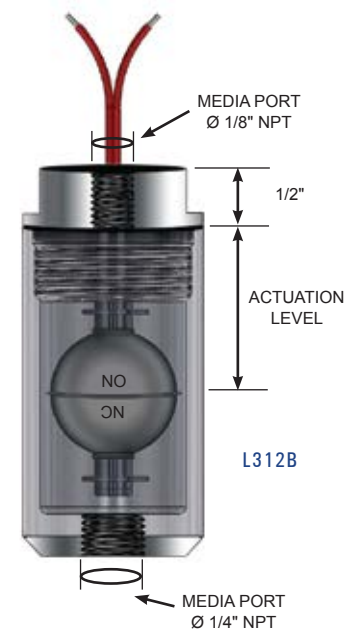
SERIES	STEM/FLOAT	SG*	TEMPERATURE	PRESSURE
L312B	Brass/Buna	0.63	-40 to +180 °F (-40 to +82 °C)	150 PSIG (10.3 bar)
L312B	Stainless Steel	0.96	-40 to +300 °F (-40 to +148 °C)	600 PSIG (41.4 bar)

\*SG refers to the recommended minimum liquid specific gravity.



L312B

### DIMENSIONS



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