

L500S SERIES

SUSPENDED LEVEL SWITCHES WITH VERTICALLY-ADJUSTABLE SETPOINTS

DESCRIPTION

The L500S is a low-cost, single or multiple level switch designed for adjustable level monitoring or leak detection within storage tanks, sumps and wells. The vertically-mounted L500S is suspended by an electrical cable to the desired switch position inside the tank while an integral weight maintains the correct orientation and removes slack from the cable. A compression fitting is used to secure the suspension cable in place and forms a leak-tight seal around the electrical components. The L500S is available in PVC, brass/buna and stainless steel materials. Additional options include various switch points and special configurations.





PRINCIPLE OF OPERATION

While the sensor is suspended and secured inside the tank at the intended switch level(s), a magnet within the float moves with the tank's liquid level. As the float rises and falls, the magnetic field passes the switch and results in a state change.

KEY FEATURES

- Adjustable Setpoints
- Integral Weight Ensures Proper Orientation
- Clearance Spacers Ensure Float Movement
- Flexible Cable Provides Easy Installation
- Spring-Loaded Mount For Self-Adjustment
- SPST or SPDT Switch Options

APPLICATIONS

-  Underground Storage Tanks
-  Leak Detection
-  Sumps & Wells
-  Wastewater

ELECTRICAL

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

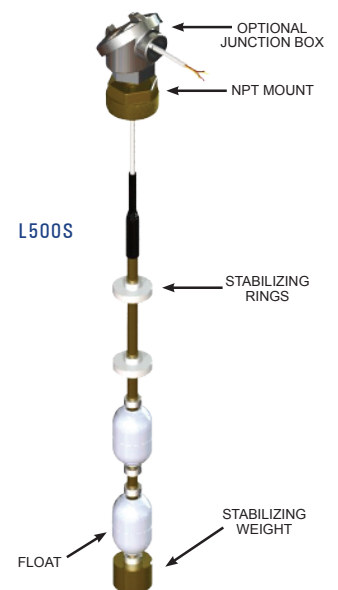
SPECIFICATIONS

SERIES	STEM/FLOAT	TEMPERATURE	PRESSURE
L500S	PVC	-40° to +140° F (-40° to +60° C)	50 PSIG (3.4 bar)
L500S	Brass/Buna	-40° to +180° F (-40° to +82° C)	150 PSIG (10.3 bar)
L500S	Stainless Steel	-40° to +300° F (-40° to +149° C)	100 PSIG (6.8 bar)



L500S

DIMENSIONS



L500S

