



L500s

Key Features

- Adjustable set points
- Integral weight ensures proper orientation
- Clearance spacers ensure float movement
- Flexible cable provides easy installation
- SPST and SPDT switch types

Applications

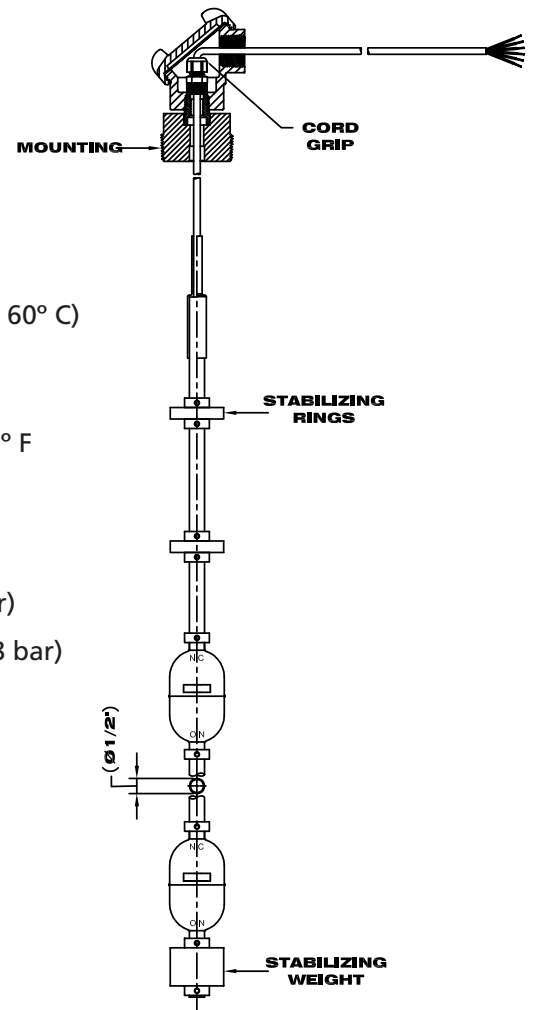
- Underground Storage Tanks
- Leak Detection
- Sumps
- Wells
- Wastewater

Description

The L500S is a low-cost, single or multiple level switch designed for adjustable level monitoring or leak detection in storage tanks, sumps or wells. Vertically mounted and suspended by the electrical cable to the desired switch position inside the tank, the integral weight maintains the correct orientation and removes slack from the cable. A compression fitting secures the cable in place and forms a leak tight seal. The L500S is available in a wide range of materials, switch points and special configurations.

Principle of Operation

The sensor is suspended and secured into the tank at the desired switch level(s). A magnet inside the float(s) moving up and down on the stem of the sensor actuate the hermetically sealed switch(es) located inside the stem tube.



Environmental

- Process Temperature:
PVC: -40° to +140°F (-40° to 60° C)
Brass/Buna: -40° to +180° F (-40° to +82° C)
Stainless Steel: -40° to +300° F (-40 to +148° C)
- Process Pressure:
PVC: 50 psig (3.4 bar)
Brass/Buna: 150 psig (10 bar)
Stainless Steel: 100 psig (6.8 bar)

Electrical

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