

# L250AD SERIES

## INTEGRAL DISPENSING TUBE LEVEL SWITCHES WITH SINGLE & DUAL SETPOINTS

### DESCRIPTION

The L250AD is a combination single or dual-point level switch and integral dispensing tube designed for use in the pharmaceutical industry. The unit has the capability of dispensing liquids as well as monitoring their levels of critical laboratory solutions from within a plastic-lined container. Its spring-loaded mount adjusts the sensor for optimum submergence and its ultra low-level float requires only 3/16" of liquid to operate. Options include the choice of polysulfone/polypropylene or stainless steel construction with a variety of switch types.

### PRINCIPLE OF OPERATION

A float with an internal magnet rises and falls in correlation to the container's liquid level. As the float moves, its magnetic field actuates the hermetically-sealed contact inside the switch tube. When the liquid level falls, the contact closes and activates a relay (not included) to indicate the low level. In addition, a separate "pick-up tube" runs parallel to the switch tube and draws fluid from the container.

### KEY FEATURES

- Compact, Requires Minimal Space
- Single & Dual Setpoints
- 1.125" (28.5 mm) Diameter (Standard)
- Custom Diameters Available
- Spring-Loaded Mount For Self-Adjustment
- FDA & NSF-Approved Plastic Available
- SPST or SPDT Switch Types

### ENVIRONMENTAL

- Maximum Temperature: +300° F (+148.9° C)
- Maximum Pressure: 150 PSIG (10.3 bar)

### SPECIFICATIONS





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

SERIES	STEM	FLOAT	TEMPERATURE	PRESSURE	SG*
L250AD	Polypropylene	Polysulfone	-40° F to +150° F (-40° C to +65.6° C)	150 PSIG (10.3 bar)	0.93
L250AD	316 S.S.	316 S.S.	-40° F to +300° F (-40° C to +149° C)	150 PSIG (10.3 bar)	0.93

### ELECTRICAL

- Output: SPST 10 VA or SPDT 3 VA

### APPLICATIONS

-  Low-Level Process Control
-  Medical
-  Pharmaceutical Packaging
-  Food & Beverage Machinery

L250AD



### DIMENSIONS

