



Vibex Plus™ LSVP

VIBRATING LEVEL SWITCH



DESCRIPTION

The Vibex Plus™ is a universal level switch for liquids. It reliably detects level within millimeter precision regardless of installation position. The Vibex Plus can be used as an empty or full detector, as overfill protection, dry run protection, or pump protection in vessels and pipelines. The artificial intelligence within the Vibex brain will ignore any coating or deposit on the sensors to provide trouble free service for years. The smart power supply can detect an AC power circuit or DC power. The DPDT relay can be used to switch a pump on or off and also provide a set of contacts for an audible alarm or light. The rugged enclosure provides protection in wet, dirty and hazardous environments.

SPECIFICATIONS

Medium	Liquid or Dry Solids
Insertion Depth	4 inches
Power Supply	24VDC or 220 VAC
Power Consumption	3W
Medium Density	Min. -0.0015ln/3in
Output Signal	Relay Output (AC 110-220V/3A, DC 3 - 30 V/5A)
Operating Temp.	0 to 302°F
Operating Pressure Limit	3,000 PSIG
Conduit Inlet Size	0.5 inch NPT
Process Connection	1 inch NPT
Protection Class	Explosion Proof

Note: Specifications subject to change

FEATURES AND BENEFITS

- Setup without adjustment
- 4.0" insertion depth
- 1.0" NPT process connection
- AC and DC power supply
- Product-independent switching point
- Very high reproducibility
- Wear and maintenance free
- Explosion Proof qualified

TECHNOLOGY

The Vibex Plus uses a piezo drive to energize the tuning fork. The tuning fork vibrates at its resonance frequency (1250 Hz) when it is not in contact with the medium. When covered, the frequency of the fork decreases. This frequency change is processed by the integrated electronics and converted into a switching command. Artificial intelligence allows the tuning fork to learn a new resonance frequency when a coated surface attenuates the sensors. Additionally, this level switch is insensitive to mist, foam, fog, pressure, or vacuum and therefore gives accurate level detection even in harsh conditions. The Vibex is a universal level switch solution for any liquid.



Ordering Information

FLO-CORP MODEL NUMBER BUILDER

For Assistance Call **(877) 356-5463**

Use the diagram below, working from left to right to construct your FLO-CORP Model Number.
Simply match the category number to the corresponding box number.

Example: LSVP-01

Vibex™ Plus Vibrating Level Switch for Liquids, 1" Connection Size, NPT Thread Type

