

# Information Sheet

## Liquid Level Switch Assembly



**Model No. 26731**

Level Switch: 115 VAC for 50 Gallon Tank

**Model No. 26732**

Level Switch: 230 VAC for 50 Gallon Tank

**Model No. 27417**

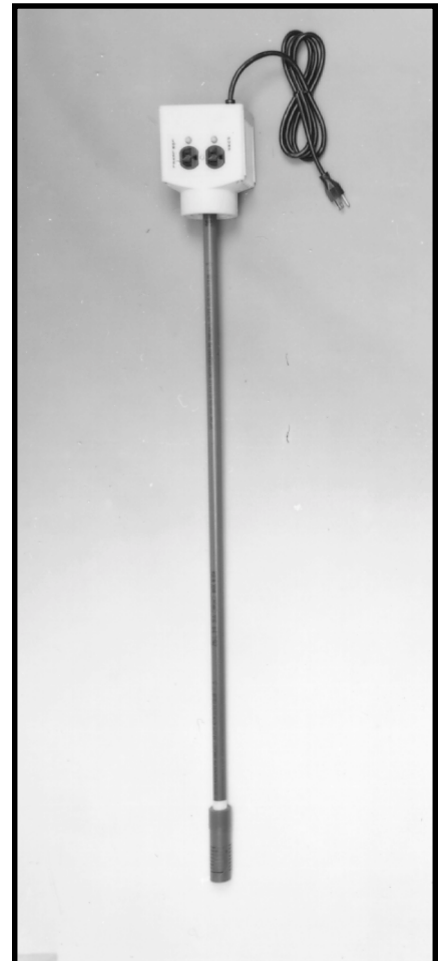
Level Switch: 115 VAC for 35 Gallon Tank

**Model No. 33510**

Level Switch: 230 VAC for 35 Gallon Tank

**Features:**

- *Corrosion resistant switch assembly housing of glass reinforced polypropylene*
- *PVC float tube*
- *Foamed polypropylene float with encapsulated reed switch*
- *Float protector prevents false actuation due to turbulence and rough handling*
- *Low voltage (12 volts) transformer to reed switch for safety*
- *Pilot light indicates low level or pump on*



*115 VAC and 230 VAC units are available in USA type sockets only*

 **LMI**  
**MILTON ROY**

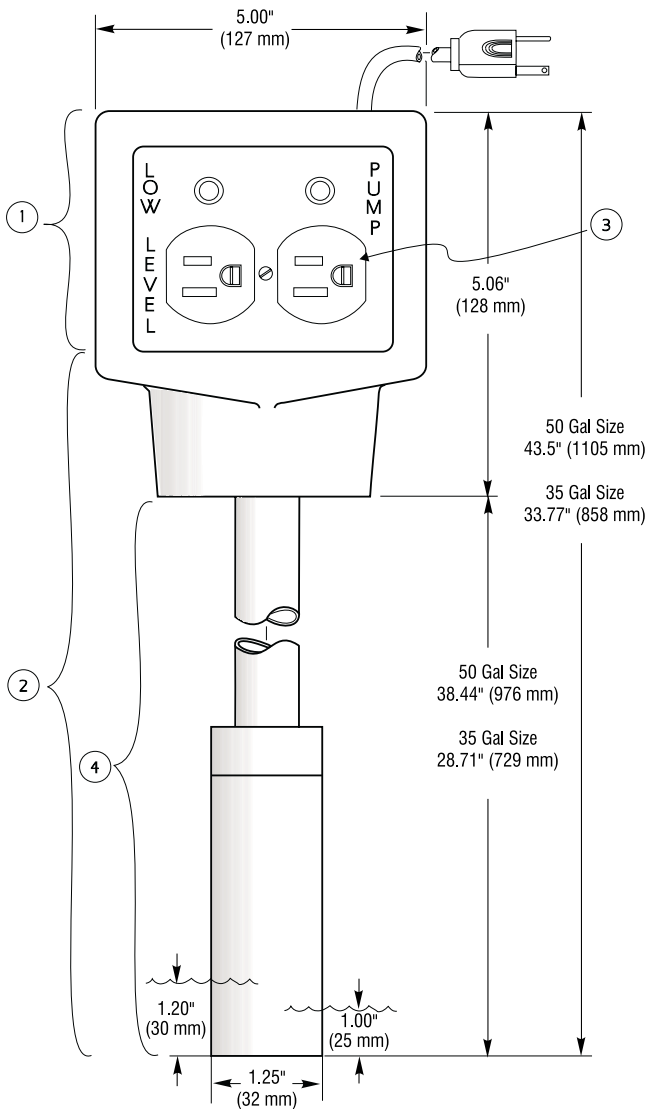
8 Post Office Square  
Acton, MA 01720 USA  
TEL: (978) 263-9800  
FAX: (978) 264-9172  
<http://www.lmipumps.com>



Replaces same of Rev. H 10/97  
1081.I 9/99

# Instruction Sheet

## Liquid Level Switch Assembly



### INSTALLATION & OPERATION

- Models 26731 and 26732 mount on LMI No. 26350 (50 gallon) Tank Assembly.

Models 27417 and 33510 mount on LMI No. 27400 (35 gallon) Tank Assembly.

Extend the float tube portion down into the solution. A recess and opening on the tank cover is provided for this purpose.

- Two (2) receptacles are provided on the switch assembly housing. "PUMP" is for the electrical cord plug (power source) of the metering pump. "LOW LEVEL" is for connection to a user supplied light or alarm signal device.
- The liquid switch assembly will stop the chemical metering pump as the level of liquid in the tank descends to one inch of the end of the float tube. At this point, it will also activate the customer supplied alarm signal device.

#### NOTE:

*The float protector (end of tube section with narrow slits) will keep the float from "bobbing" if any turbulence occurs (i.e. during operation of a mixer or agitator) and therefore no false actuation of the switch will result.*

### ELECTRICAL

- Models **26731** and **27417**: 115 Volts, 60 Hz

Max Load: 10 Amps

- Models **26732** and **33510**: 230 Volts, 60 Hz, (USA type socket only)

Max Load: 3 Amps

Key. No.	Part No.	Description	Quantity			
			26731	26732	27417	33510
1	26223	Housing Assembly, 115 VAC	1		1	
	26423	Housing Assembly, 230 VAC		1		1
2	26224	Spacer Assembly, 115 VAC	1			
	26424	Spacer Assembly, 230 VAC		1		
	27415	Spacer Assembly, 115 VAC			1	
	33509	Spacer Assembly, 230 VAC				1
3	26195-1	Socket Assembly, 115 VAC	1		1	
	26295-1	Socket Assembly, 230 VAC		1		1
4	26049	Switch Assembly, 50 Gal Tank	1	1		
	27414	Switch Assembly, 35 Gal Tank			1	1
	27249	115 V Transformer Assembly (Not Shown)	1		1	
	26331	230 V Transformer Assembly (Not Shown)		1		1
	26068	Relay (Not Shown)	1	1	1	1