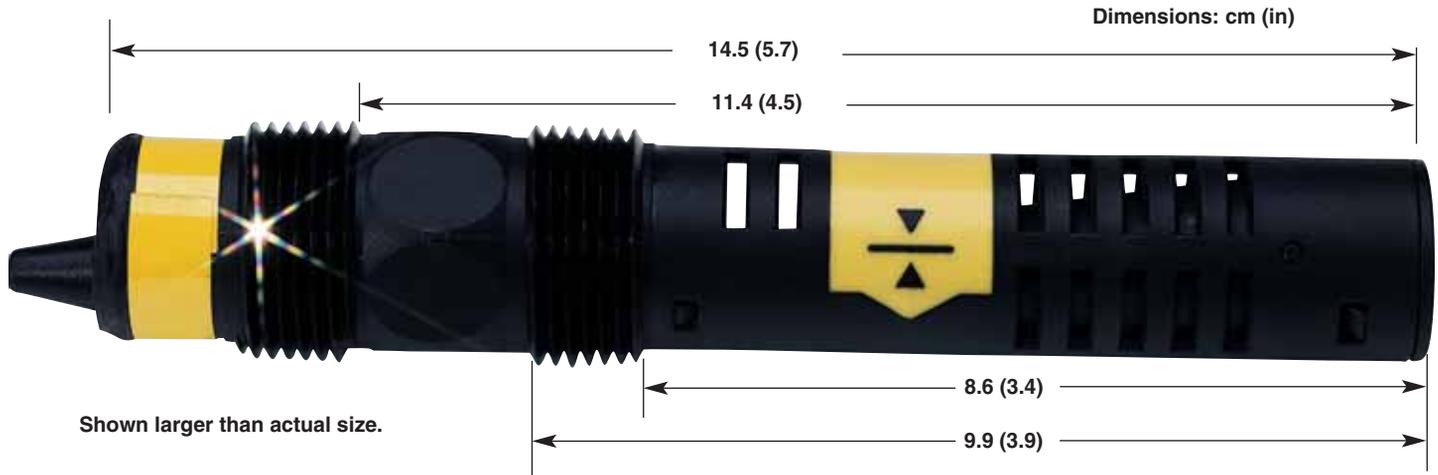


# HORIZONTAL BUOYANCY SENSORS

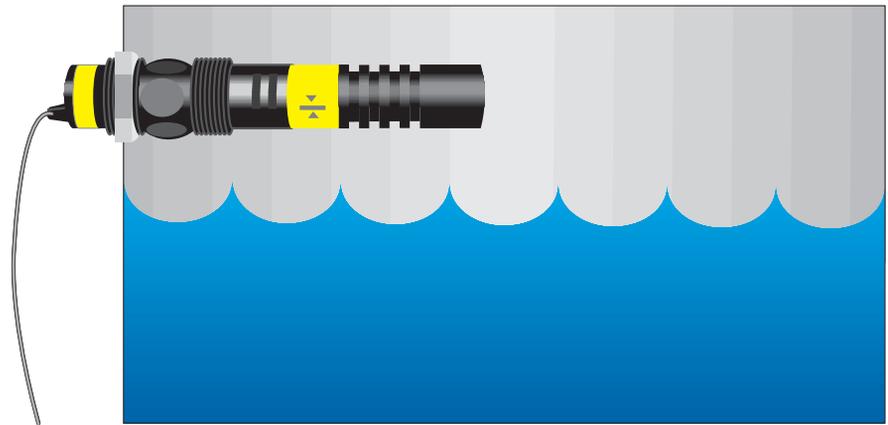


Shown larger than actual size.

LVH-300  
**\$85**



- ✓ Minimum Penetration Through Tank Wall
- ✓ Unique Filling Baffle Stabilizes Float, Minimizing Chatter
- ✓ No Exposed Hinged Parts in Tank
- ✓ Available in Quality Reed Switch
- ✓ Selectable Normally Open or Normally Closed States
- ✓ NEMA 6 (IP68) Submersible Sensor and Cable



## SPECIFICATIONS

**Accuracy:** ±2 mm in water  
**Repeatability:** ±1 mm in water  
**Extreme Orientation:** ±20° from horizontal  
**Specific Gravity:** 0.8 min  
**Switch Type:** Dry contact. SPST  
**Switch Voltage:** 120 Vac, 120 Vdc @ 50 VA  
**Switch Output:** Selectable NO or NC States  
**Temperature Range:** -40 to 90°C (-40 to 194°F)

**Pressure Range:** 25 psi (2 bar) @ 25°C; derated @ 1.667 (0.113 bar) per °C above 25°C  
**Probe Material:** Polypropylene  
**Probe Rating:** NEMA 6 (IP68)  
**Mounting Threads:** ¼" NPT  
**Cable Type:** 2.4 m (8'), 3-wire, 22 gauge with ground, shield and PP jacket  
**Max. Cable:** Up to 152 m (500')  
**Dimensions:** 11.4 x 2.7 cm (4.5 x 1.05") (¼" NPT)

**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)				
Model No.	Price	Description	Mat'l	Size
LVH-300	\$85	Sensor Switch	PP	4.5 x ¼" NPT

Comes with complete operator's manual.

Two extended cable lengths available: for 7.62 m (25') add "-25", or for 15.24 m (50') add "-50" to model number. Add \$1.00 per foot to price.

Ordering Example: LVH-300 PP sensor switch, \$85.

## Accessory

Model No.	Price	Description
FW-323	\$99.99	Reference Book: Advanced Reservoir Engineering

LVH-300 Series horizontal buoyancy sensors incorporate a unique filling baffle which allows minimum penetration of the sensor through the tank wall. The baffle also dampens the sensor, eliminating surface chatter. Traditional hinged designs which can break off are replaced by this innovative baffle design. Control flexibility is achieved by offering a reed switch.



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