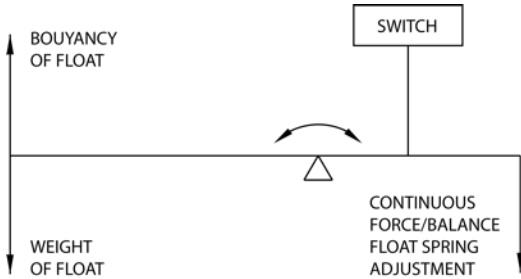


LIQUID LEVEL SWITCH

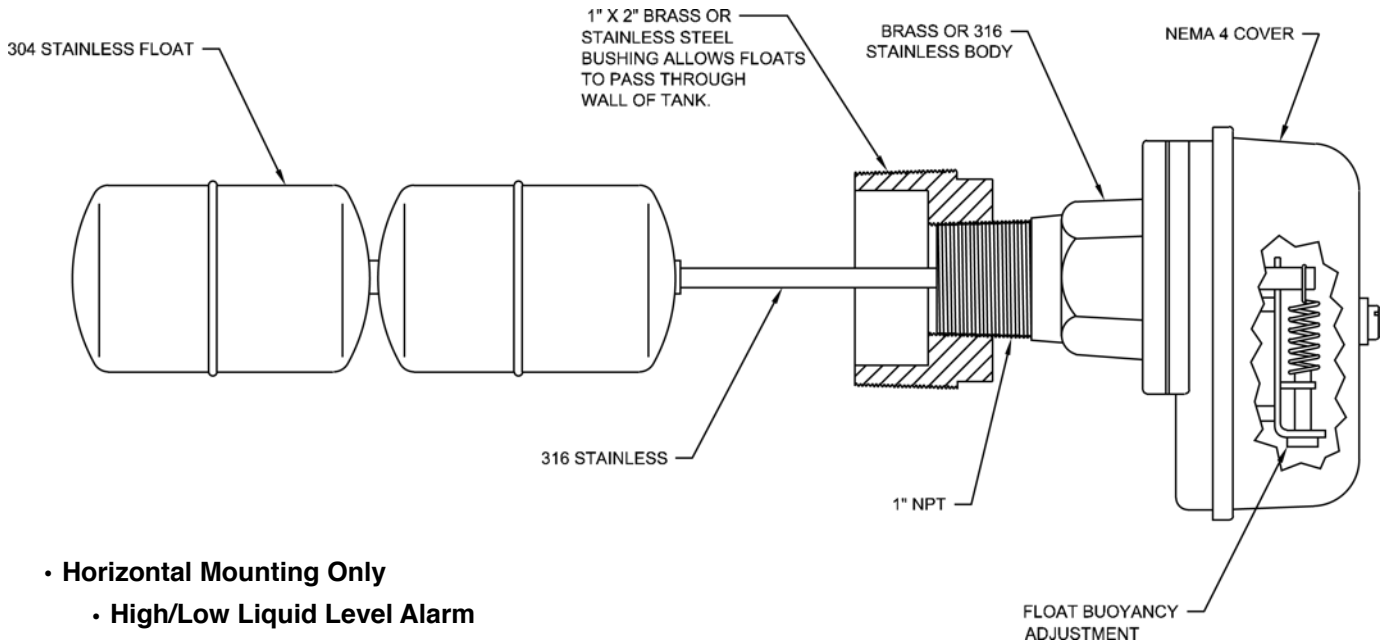
Model L-5 & L-5SS

Specific Gravity Compensating

- Featuring continuously adjustable float buoyancy control to allow use in fluids with specific gravity down to 0.6
- Continuous buoyancy control allows switch activation at oil/water interface
- Consult factory for other bicomponent fluid interface systems.



- Wetted surfaces of various combinations of brass, 302, 304, 316 stainless, EPDM, Hypalon®, Viton®, and Teflon® allow operation in a wide spectrum of environments such as:
 - Contaminated ground water
 - Hydrocarbons
 - Machine cutting oils
 - Medium concentrated acids and bases, etc.
 - Rusty coolant water
 - Sea Water
 - Sewage
 - Waste water
- 15 amp, 120 or 230 VAC, SPDT or DPDT switch action
- Gold Cross Bar Dry Circuit Computer/PLC Interface SPDT Switch Model also available
- May be used in hazardous areas when used with intrinsically safe relays.
- Temperature to 180°F
- Pressure to 300 psig
- Available in single float and double float models
- For use in particle contaminated fluids.
- Non-Magnetic



- **Horizontal Mounting Only**
 - **High/Low Liquid Level Alarm**
 - **Solenoid Valve On/Off Control**



Limited Warranty Page 7

Specifications

(Same for all models except where shown)

Single Float

Models L-5 and LD-5

Red brass body, phosphor bronze float shaft, 316 stainless screws and washers, 304 stainless float, EPDM seal, cork-chloroprene gasket, and Noryl® cover.

For

Water, seawater, sewage, waste water, slurries, alcohols, gasolines, oils, glycols and soap solutions.

Working Fluid Specific Gravity Range - Adjustable between 0.6 and 1.0+

Nominal Working Temperature / Pressure

180°F max. @ 300 psig

Liquid Level Change to Activate / Deactivate Switch

≈ 1/4" travel

Weight

3 lbs.

Electrical Switch Characteristics

SPDT UL and CSA listed

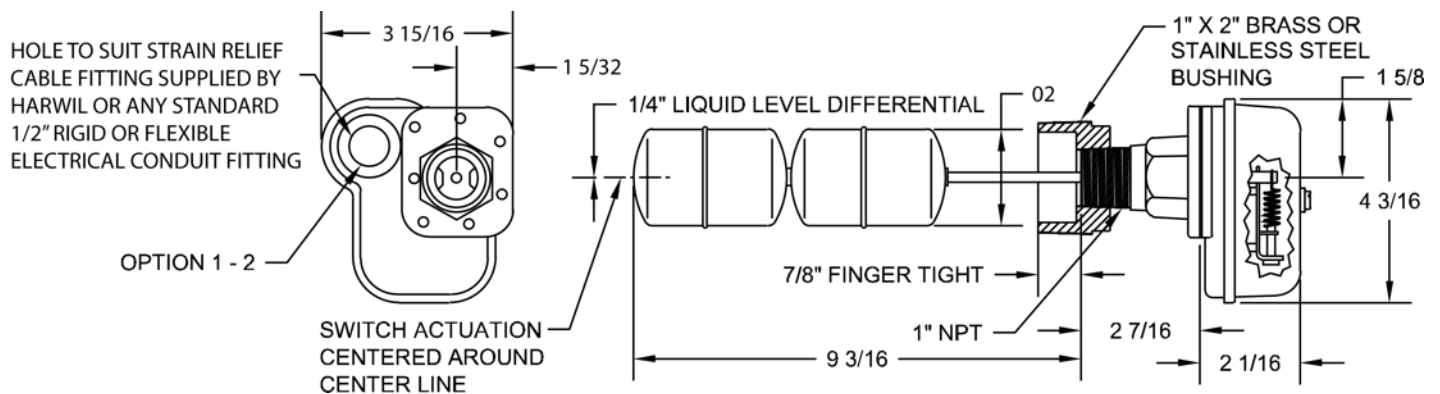
15 AMP, 1/2 HP @ 125 or 250 VAC

1/2 AMP @ 125 VDC, 1/4 AMP @ 250 VDC

5 AMP @ 125 VAC (Tungsten lamp load)

10,000,000 mechanical operations median

Installation Dimensions



Input Power Cable Interface Options

Option # 1

Basic Model #

Grommet Size

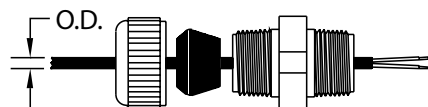
L-5 / A
LD-5 / AA
L-5SS / B

Option # 2

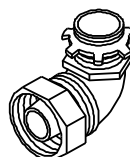
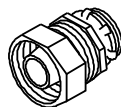
Basic Model #

1/2" Flexible
Conduit Fitting

L-5 / F
LD-5 / F 90°



1/2" STRAIGHT F



1/2" 90°
F90°

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Grommet Size	Cable OD	Grommet Size	Cable OD
A	0.25"	B	0.37"
AA	0.30"	C	0.50"

- Installation drawing and a numbered parts list is supplied with each unit.
- Current Price Information is Listed on Separate Sheet.
- Special One Day Delivery Available.

Model L-5 & L-5SS

Double Float

Models L-5SS and LD-5SS

316 stainless steel body, float shaft, screws and washers, 302 stainless float, Viton®, Teflon® gasket, and Noryl® cover.

For

All media handled by Models L-5 and LD-5. Also chlorinated organics, hydrocarbons, phenols, medium concentrated acids and bases, compatible with 302 stainless, gasolines, oils.

Working Fluid Specific Gravity Range

Adjustable between 0.6 and 1.0+

Nominal Working Temperature / Pressure

180°F max. @ 300 psig

Liquid Level Change to Activate Switch

≈ 1/4" travel

Weight

3.5 lbs.

SPDT - Dry Circuit

Gold Cross Bar Contacts for Computer/PLC Interface

0.1 amps or less 5-24 VAC/DC

UL & CSA listed

Models L-5 and L-5SS employ one SPDT microswitch. Models LD-5 and LD-5SS use two SPDT microswitches which activate simultaneously to give DPDT capability.