



# FLO-LT1

## LOW FUEL LEVEL SWITCH

**Fuel Tank Level Switch to provide alarm & testing of low fuel levels in diesel fuel tanks used in fire pump applications.**

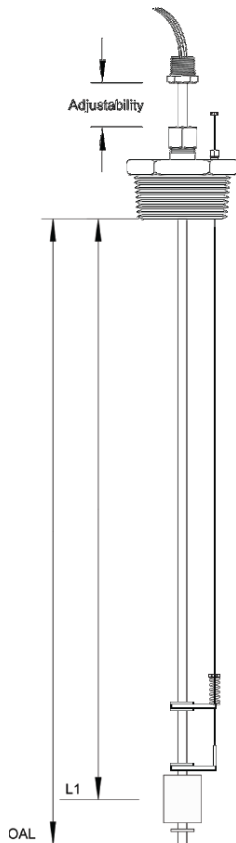
### UNIQUE DESIGN!

This switch allows quick compliance with the NFPA 25, Table 8.1.2 weekly requirement to test the fuel tank float switch. The float operation can be tested via a manual testing rod to activate the float and verify alarms.

The Flotronix Model FLO-LT1 Diesel Fuel Tank Level Switch activates at adjustable NFPA alarm requirement levels. The float should be adjusted to activate at no lower than 66% of tank capacity. The activation level is adjustable to fit a wide range of fuel tank sizes.

The switch is offered in three sizes to fit tanks up to 65" in diameter. The "B" switch is typically a stock item.

Part No.	Max Float Lengths	Max Dia Tank
FLO-LT1-A	12" Low	32"
FLO-LT1-B	16" Low	48"
FLO-LT1-C	25" Low	65"



### SPECIFICATIONS

- Approvals: UL, cUL Listing (Reed Switch)
- Tank Fitting: 2" NPT Male Brass Hex Head Cored
- Conduit Connections: 1/2" Male NPT, Brass
- Adjustable Fittings: 5/16" Brass Compression Glands
- Stem: 5/16" Diameter Brass
- Float: Buna-N, (.62 diameter x 1"H)
- Float Stop: 5/16" Brass Clip (non-adjustable)
- Switch Rating: **Pilot Duty Only**, Type SPST, 120VAC=.83A, 200VAC=.45A, up to 30VDC = 1A Max
- Lead Wires: 72", 22 gauge, Type PTFE.  
L1 Low Level Wires are YELLOW.

Shipping Weight: 4lbs.

### Operation:

- Low Level Float: Adjust up to max length of A, B or C switch.  
Adjust level to activate when fuel level is at 2/3 full.  
Normally Closed Electrically, Closes on Low Level