# 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.***

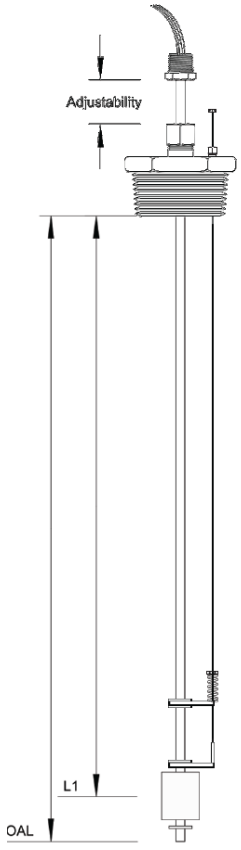
**UNIQUE DESIGN!**

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: | ½" 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 |

DESIGNED & ASSEMBLED IN THE USA

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