FLO-L10785-SS

FUEL SPILL SWITCH

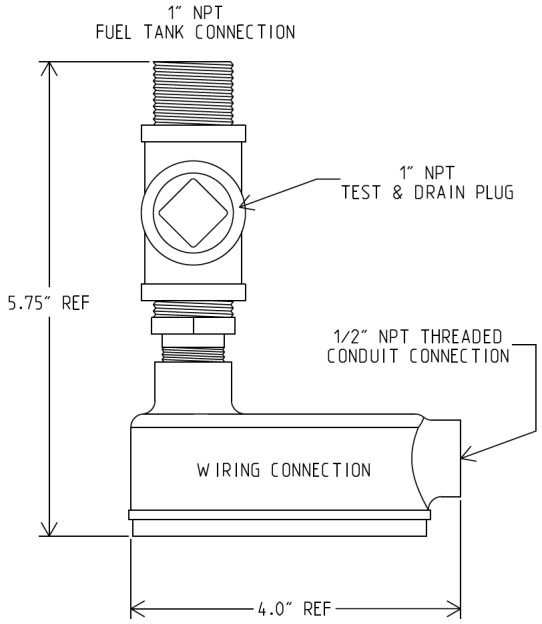
Fuel Spill Switch suitable for use with double wall diesel fuel tanks used in fire pump applications.

Pre-Assembled for Simple Installation!

Simply remove the existing fuel tank drain plug, thread in the fully assembled fuel spill switch assembly. Connect two wires to your alarm system and you're done!

The Flotronix Model FLO-L10785-SS fuel spill switch is ruggedly designed to detect fuel spill and leakage in the interstitial space of double wall diesel fuel tanks. It is constructed with corrosion resistant 304 Stainless Steel fittings and float switch assembly.

The switch assembly is mounted in the 1" NPT annular space bottom drain connection found on most fuel tanks. When a leak occurs in the inner tank, the fuel drains into the installed fuel spill switch assembly. The float rises which closes the normally open contacts. The switch can be wired to either a fire pump controller or other alarm system to provide notification of fuel spill.



SPECIFICATIONS

Float Switch
- ANSI / U.L. 508 Listed
- All Stainless Steel Float Assembly
- Contact Rating:
  - **PILOT DUTY ONLY**
  - 1A @ 200VDC/265VAC Max
- N.O. Normally Open closes when fuel is detected in assembly.

Tee and Fittings
- 304 Stainless Steel
- 1" Tank Connection
- 1 " Test & Drain Plug

Conduit Connections
- ½" Threaded LB Powder Coated Aluminum Conduit Body Rated NEMA 4, UL22455

Shipping Weight: 3 lbs.

Installation Notes:

1. ***Very Important!*** **Install in the annular space drain, <u>not the main tank drain</u>.**
2. Remove the annular space drain plug from the bottom of the fuel tank.
3. Remove the plastic CAPLUG from the 1" tank connection nipple provided on the fuel spill switch assembly.
4. Thread the assembly into the bottom of the tank and tighten using a pipe wrench on the tee fitting only. Do not attempt to disassemble the assembly. PIPE DOPE IS NOT REQUIRED. Do not use the electrical conduit body as a lever. Tighten with "test & drain" plug in front facing outward for easy inspection.
5. The electrical or alarm installer is provided with a ½" NPT conduit body for alarm connections.

Alarm Testing:
Removing the 1" test & drain plug from the side of the assembly can test the fuel spill switch. Using your finger gently push up on the float to active the alarm. After testing, reinstall the drain plug.

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