

MODEL FLO-L10785-SS FUEL SPILL SWITCH

SPECIFICATION

- A. Diesel Tank Fuel Spill Switch Assembly – A fuel leakage detection spill switch shall be provided and installed in the 1" Interstitial drain of the UL Listed Diesel Double Wall Fuel Tank. The switch shall be wired to and monitored in the diesel engine driven fire pump controller.
1. Standard: Comply with requirements in NFPA 20.
 2. Assembly pipe fittings: 304 Stainless Steel Threaded Pipe Fittings:
 - a. 1" NPT Male Tank Connection to thread into interstitial drain connection of fuel tank.
 - b. 1" NPT inspection test and drain port for testing of alarm.
 3. Float Level Switch:
 - a. ANSI / U. L. 508 Listed (Switch Only, Not entire assembly)
 - b. All Stainless Steel Float including stem and float.
 - c. Pilot duty rated 1A @ 200VDC/ 265 VAC Max.
 - d. N.O. Normally Open closes when fuel is detected in assembly.
 4. Electrical Conduit Connection:
 - a. ½" Threaded Conduit Connection
 - b. Aluminum Conduit Body
 - c. Standard: NEMA Type 4, UL 22455
 5. The Fuel Spill Switch Assembly shall be a Model FLO-L10785-SS or approved equal.

Code Reference:

NFPA 20 – 2013 11.4.1.2.8 Tank Venting. If a double-wall tank is installed, the interstitial space between the shells of the diesel fuel storage tank shall be monitored for leakage and annunciated by the engine drive controller. The signal shall be of the supervisory type.