LIQUIDTITE APPROX. 24"

NOTE: Normally Open Switch. Closes on Rising Level, Opens on Falling Level. Contact Rating: 0.5 AMP MAX. at 28 V DC

CAUTION: Tighten Float Switch into Position by Tightening With Wrench at Square Head of Pipe Plug. Only as Shown. Tightening it any Other Way Will Damage the Switch.

1/2" NPT

(2) 16 GA. Wires Approx. 36" Long

MIN. TANK DIA. = 18"

CYLINDRICAL TANK FLOAT SETTING FORMULAS
80% Fuel Level = 0.746 x Tank Dia.
Float Level = 0.254 x (Tank Dia.) - 3.25" in Fuel (Retracted)
Float Setting = 0.254 x (Tank Dia.) - 4.25" in Air (extended)

OVAL TANK FLOAT SETTING FORMULAS

\[
\left\{ \left( \frac{H - W}{2} \right) \pi \left( \frac{W}{2} \right)^2 \right\} 0.2 = \frac{\pi}{3} d^2 R \sin \theta
\]

SOLVE FOR \( \theta \)

\[
B = R \cos \left( \frac{\theta}{2} \right)
\]

80% FUEL LEVEL = \( \frac{W}{2} + Y + B \)
Float Level = \( H - \text{Fuel Level} - 3.25" \)
Float Setting = \( H - \text{Fuel Level} - 4.25" \)

NOTES:
1) All Settings are Based on the 2" NPT Pipe Plug Being Flush With Inside Edge of Tank
2) These Settings are for Diesel Oil.
3) Float Position Determined With Float Rod Fully Extended.

*For Float Settings See: 4817 - 6288_Fuel_Switch_Settings.WP1