Add Float Level/ECN 2532 BSH 21 JUL 04

LIQUIDTITE APPROX. 24"

NOTE: Normally Open Switch. Closes on Falling Level, Opens on Rising 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.

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

MIN. TANK DIA. = 18"

POSITIONING COLLAR
M.C.S. #400105
1/16" ALLEN WRENCH M.C.S. #400128

FLOAT M.C.S. #780344

MAX SETTING = 10.0
SEE BELOW

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
\[ \left( \frac{1}{2} \left( \frac{H}{W} \right) \right) \times \left( \frac{\pi}{2} \right) \times \frac{W}{360} \times \frac{R}{\sin \theta} \]
SOLVE FOR \( \theta \)
\[ B = R \cos \left( \frac{\theta}{2} \right) \]
80% Fuel Level = \( \frac{W}{2} \) + Y + B
Float Level = H - Fuel Level - 3.25"
Float Setting = H - Fuel Level - 4.25"

For Float Settings See: 4817 - 6288_Fuel_Switch_Settings.WP1

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.