

FOAM CONCENTRATE LEVEL SWITCH FOR ATMOSPHERIC TANKS

NPR300

- Simple Installation
- Stable Poly Propylene Case
- Liquid Proof To 60 Feet
- SPDT Contacts
- Used For Level Alarms And Pump Shutdown In Atmospheric Tanks



Description

The Foam Concentrate Level Switch is used with foam proportioning systems, utilizing atmospheric type foam concentrate storage tanks, to monitor the foam concentrate level in the tank. A float type switch allows the user to provide a level indication signal for remote annunciation or to shutdown the foam concentrate pump(s).

Features

- Easy installation even on existing tanks
- Compact, corrosion resistant, watertight enclosure
- Power failure will not inhibit operation of the foam concentrate pump(s)

Applications

- Monitoring foam concentrate level in any atmospheric type annunciation of level or automatic pump shutdown when the tank is empty

Technical Specifications

The Foam Concentrate Level Switch shall be a tilt actuated float type level switch. It shall contain a hermetically sealed, axially non-position sensitive, SPDT mercury switch. The switch

contacts shall have a minimum running rating of 13 Amps @ 120 VAC. The operating angle of the switch shall be 100° to 180°.

The float shall be constructed of chemically stable polypropylene with a rated operating pressure of 60 feet of water (26 PSI). Float shall have a 20' long cord with 16/3 AWG cable. Float shall be suitable for operation from 32° to 160°F.

The float switch shall be designed to be suspended vertically from the top of the tank. It shall include a movable 20 ounce weight to keep the chord taut and allow field adjustment of the tether length. A chord grip shall be provided to allow adjustment of the switch position from the top of the tank.

Technical Data

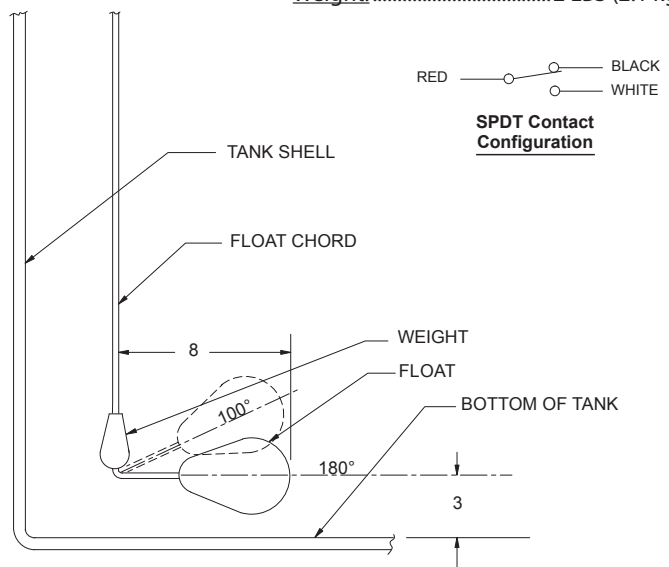
Electrical Data:

- Running Amps:
13 Amps continuous @ 120 VAC
- Operating voltage:
24 VDC 1/60/120-240 VAC
- Switch:
SPDT

Materials of Construction:

- Float..... Polypropylene
- Weight Cast Iron
- Cable Gland:
Feraloy iron alloy, electro-galvanized w/ aluminum acrylic paint
- Cable 16/3 AWG
- Weight: 2 LBS (2.1 kg)

ORDERING INFORMATION	
Part Number	Description
1217-2114-0	Level Switch w/ weight & gland



FLOAT SWITCH - TYPICAL INSTALLATION