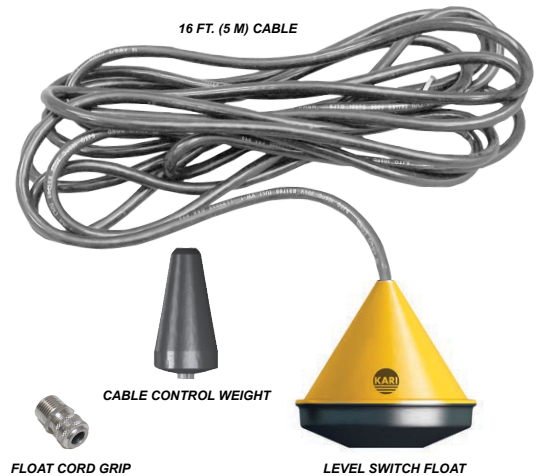


# FOAM CONCENTRATE LEVEL SWITCH FOR ATMOSPHERIC TANKS

NPR300

- Simple Installation
- Stable Poly Propylene Float
- Liquid Proof To 60 Feet
- SPST Contacts (Lead & Mercury Free)
- 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)
- Lead and Mercury Free

### 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 polypropylene, axially non-position sensitive, SPST switch. The switch shall not contain lead or mercury. 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 switch is normally closed when liquid level is low.

The float shall be constructed of chemically stable polypropylene with a rated maximum pressure of 28PSI (2 Bar). Float shall have a 16 Ft. (5 M) long cable and shall be suitable for operation from 32° to 130°F.

The float switch shall be designed to be suspended vertically from the top of the tank. It shall include a movable 24 ounce weight to keep the cord taut and allow field adjustment of the tether length. A cable gland shall be provided to secure and allow adjustment of the switch position from the top of the tank.

### Approvals

- CE
- CSA General Purpose

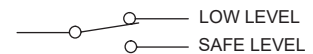
### Technical Data

#### Electrical Data:

Running Amps.....	13 Amps
	continuous @ 120 VAC
Operating Voltage.....	24 VDC
	1/60/120-240 VAC
Switch .....	SPST
Protection Rating.....	IP67, NEMA 6

#### Materials of Construction:

Float.....	Polypropylene
Cable Weight .....	1.5 Lbs.
	Black Polypropylene Cover
Cable Gland....	Electro-Galvanized/Rubber
Cable .....	PVC/Copper
Total Weight.....	2 LBS (2.1 kg)



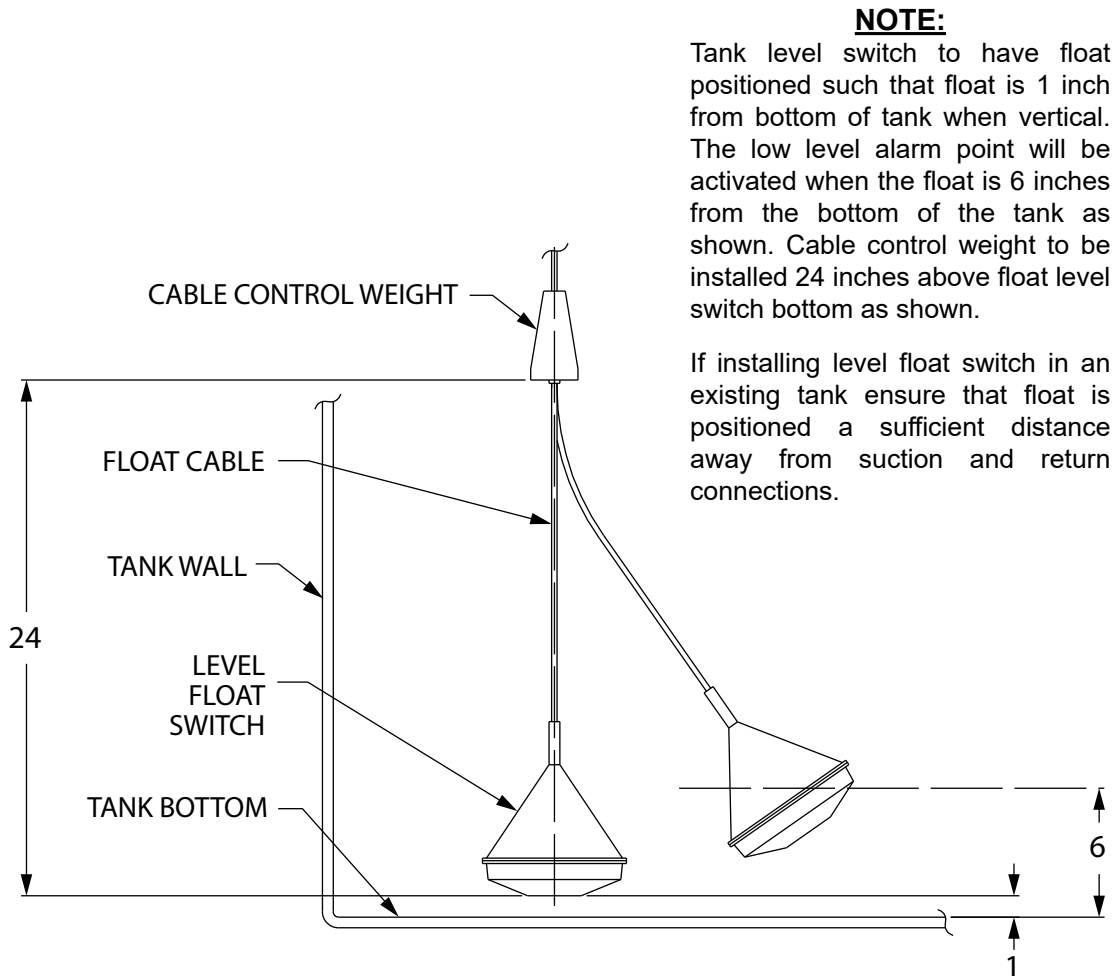
**SPST Contact Configuration**

### ORDERING INFORMATION

Part Number	Description
1217-2114-2	Level Switch with Float, Cable, Cord Grip & Weight

# FOAM CONCENTRATE LEVEL SWITCH FOR ATMOSPHERIC TANKS

NPR300



**FLOAT SWITCH - TYPICAL INSTALLATION**