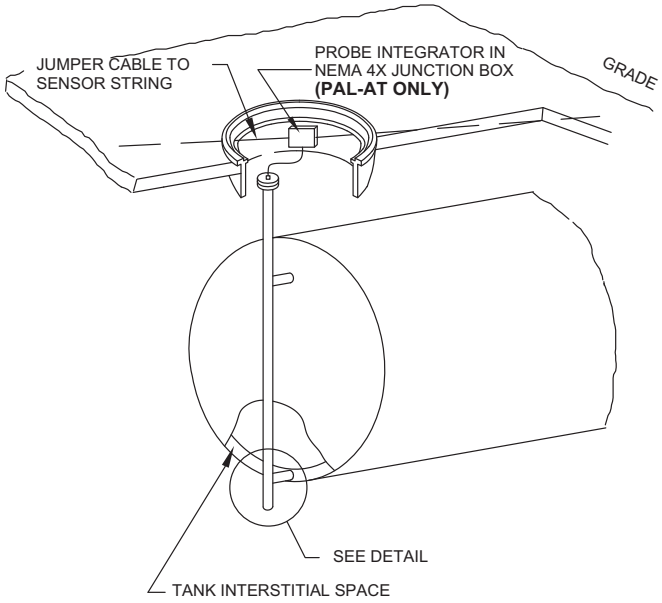
PERMALERT
Environmental Specialty Products

PSTV Float Switch Product Data



DESCRIPTION:

- Probe Operating Temperature: 0°F to 180°F (-18°C to 80°C)
- Probe Diameter (max): 1.32” (34 mm)
- Probe Extension Length (max): 15 ft (4.5 m)
- Probe Lead Length: 20 ft (6 m)
- Activation Level: Water: (S.G. = 1.0) .88" (22 mm)
  Oil: (S.G. = .75) 1.0" (25 mm)
- Materials:
  - Stem: Brass
  - Float: Buna-N
  - Housing: CPVC
- Junction Box: **(PAL-AT ONLY)**
  NEMA 4X 10" x 8" x 4" (250 mm x 200 mm x 100 mm)

APPLICATIONS:

- INTERSTITIAL DOUBLE WALL TANKS • SUMPS
- MANWAYS • TANK MONITORING WELLS
- HIGH / LOW LEVEL ALARMS

PSTV

The **PSTV** probe is a hermetically sealed reed float switch which signals the presence of liquids. It is designed to fit into a double-walled tank’s 1½ " standpipe. The probe resets immediately after the liquid is removed.

The unique design of the **PSTV** probe eliminates the need for additional power at the probe.

A **PSTV** probe is available for the PAL-AT® or LiquidWatch® systems:

The **PSTV** probe can easily be connected into a PAL-AT® cable “sensing string” providing increased utilization of the PAL-AT capabilities. Each assembly includes a probe integrator with 60 ft (18 m) of jumper cable to connect to the sensing string, and 20 ft (6 m) of lead cable to attach the float switch to the probe integrator.

The **PSTV** probe for LiquidWatch includes the probe adapter that is installed in the 20 ft (6 m) long probe lead wire. Additional lead wire is used if necessary.

PAL-AT NOTE:

- A “-S” probe must be connected in the first 5,000 ft (1,500 m) of sensing string.
- A “-L” probe must be connected more than 5,000 ft (1,500 m) from the PAL-AT panel.

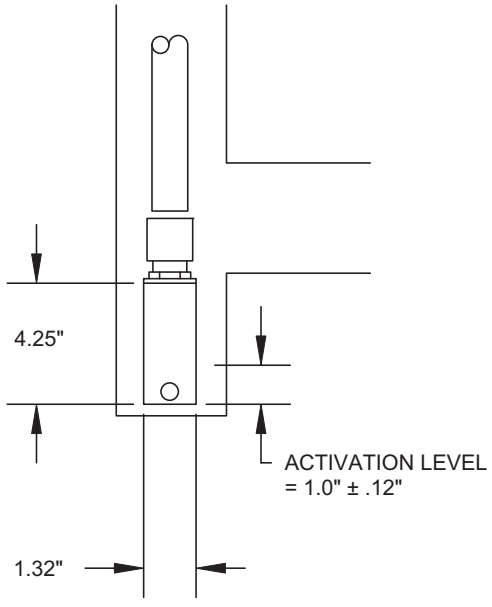
PART NUMBERS:

PAL-AT:

- PSTV-S • 8027624
- PSTV-L • 8027920

LiquidWatch:

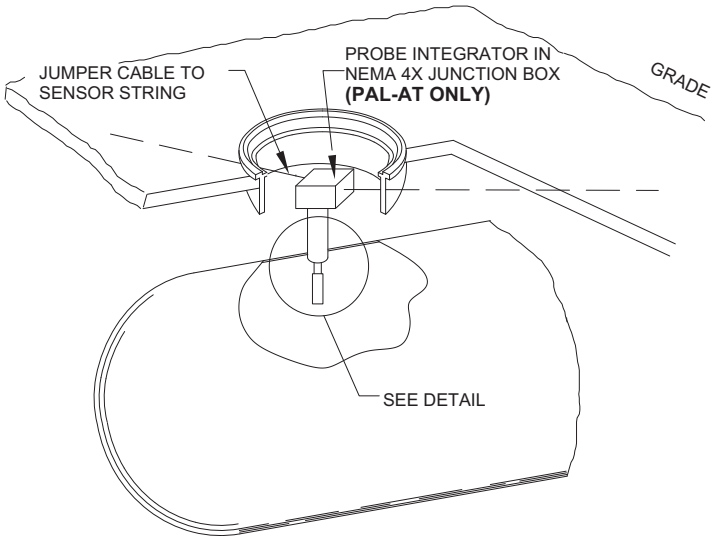
- PSTV-LW • 8027903



PSTV FLOAT SWITCH
ASSEMBLY DETAIL

PERMALERT
Environmental Specialty Products

PTHL
High Level Float Switch
Product Data



DESCRIPTION:
- Probe Operating Temperature: 0°F to 180°F (-18°C to 80°C)
- Probe Diameter (max): 1.32" (34 mm)
- Probe Extension Length (max): 5 ft (1.5 m)
- Probe Lead Length: 20 ft (6 m)
- Activation Level: Water: (S.G. = 1.0) .88" (22 mm)
  Oil: (S.G. = .75) 1.0" (25 mm)
- Materials:
  - Stem: Brass
  - Float: Buna-N
  - Extension Housing: CPVC
- Junction Box: **(PAL-AT ONLY)**
  NEMA 4X 10" x 8" x 4" (250 mm x 200 mm x 100 mm)

APPLICATIONS:
- INTERSTITIAL DOUBLE WALL TANKS • SUMPS
- MANWAYS • TANK MONITORING WELLS
- HIGH / LOW LEVEL ALARMS

PTHL

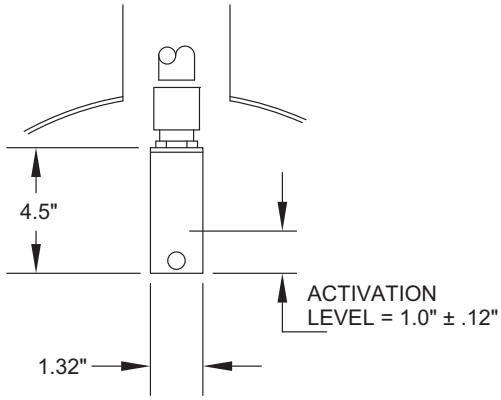
The **PTHL** probe is a hermetically sealed reed float switch which signals the presence of liquids. It is designed to be a high level alarm for single and double-walled tanks. Typically, the probe is located to activate when the tank is 90% full. The probe resets immediately after the liquid drops below the activation level.

The unique design of the **PTHL** probe eliminates the need for additional power at the probe.

A **PTHL** probe is available for the PAL-AT® or LiquidWatch® systems:

The **PTHL** probe can easily be connected into a PAL-AT cable "sensing string" providing increased utilization of the PAL-AT capabilities. Each assembly includes a probe integrator with 60 ft (18 m) of jumper cable to connect to the sensing string, and 20 ft (6 m) of lead cable to attach the float switch to the probe integrator.

The **PTHL** probe for LiquidWatch includes the probe adapter that is installed in the 20 ft (6 m) long probe lead wire. Additional lead wire is used if necessary.



PTHL FLOAT SWITCH ASSEMBLY DETAIL

PAL-AT NOTE:
- A "-S" probe must be connected in the first 5,000 ft (1,500 m) of sensing string.
- A "-L" probe must be connected more than 5,000 ft (1,500 m) from the PAL-AT panel.

PART NUMBERS:

PAL-AT:
- PTHL-S • 8027633
- PTHL-L • 8027970

LiquidWatch:
- PTHL-LW • 8027906

PermAlert ESP · 7720 North Lehigh Avenue · Niles, IL 60714
(847) 966-2190, Fax (847) 470-1204, www.permalert.com