

### #3 – Leak Detection

**Leak detection** for interstitial dual wall containment piping systems or tanks.

- Goal is to notify when a leak occurs in a secondary containment tank or pipe.
- Level sensor can be mounted through side wall, the top of the interstitial space or to a tee in secondary containment piping.
- Key is to locate the tip of the sensor at a location where it will come into contact with the liquid as soon as possible after a leak occurs.

**Solutions:**



**Switch-Tek**  
 Optic Leak Detection Switch  
 Wire directly to a PLC, SCADA or add a Controller

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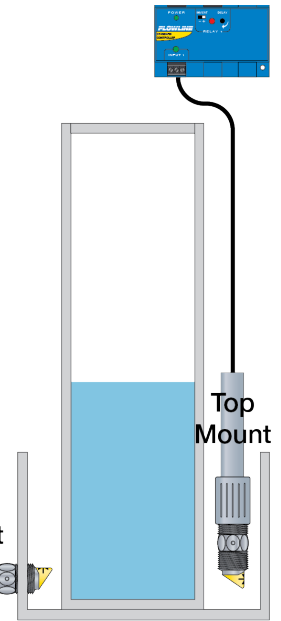
**Switch-Pro**  
 Remote 10A Relay Controller  
 120 or 240 VAC powered  
 Wire directly to a pump, valve or alarm

or



**Switch-Pro**  
 Compact 16A relay controller  
 120 or 240 VAC Powered  
 Wire directly to a pump, valve or alarm

Side Mount



### #4 – Auto Fill or Auto Empty

**Fill or Empty Automation** utilizing pump or valve control for auto-fill or auto-empty between two levels.

- Goal is to automatically fill a tank when it gets low or to automatically empty a tank when it is high.
  - o Auto Fill is ideal for day tanks / Auto Empty for sumps.
- Level sensor can be mounted along the top wall or the side of the tank.
  - o Two level switches are always required, one to start the process and the second to stop the process.
- Connect both level switches to a latching controller or to a PLC, SCADA, DCS, etc. to perform the automatic control.

**Solutions:**



**Smart Trak**  
 Top mount with 16A controller  
 120 or 240 VAC powered  
 Wire directly to a pump or valve



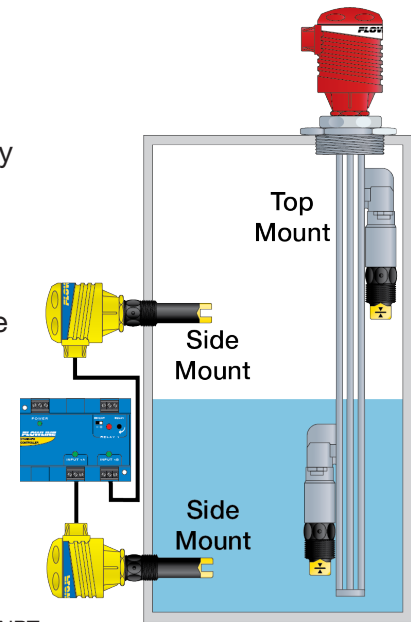
**Smart Trak + Switch-Pro**  
 Top mount /w junction box  
 Wire directly to a PLC, SCADA or add a remote relay controller to switch 120 or 240 VAC power

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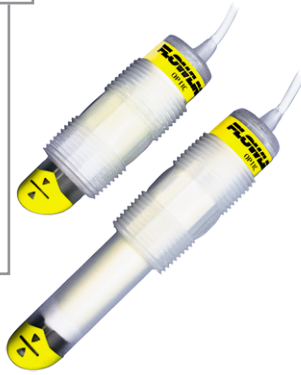
3/4" NPT Mount  
 3/4" NPT Mount

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**Ordering Switch-Tek**  
Optic Leak Detection Switch

- LO10-   5
- SENSOR MATERIAL**
- 1 PP
  - 2 PFA
- SENSOR LENGTH**
- 3 Short
  - 4 Long
- PROCESS MOUNT**
- 0 3/4" NPT (US)
  - 2 3/4" G / R (Metric)



**Ordering Switch-Pro**  
Compact 16A relay controller, 120 or 240 VAC Powered

- LC10-10
- PROCESS MOUNT**
- 0 3/4" NPT (US)
  - 5 3/4" R (Metric)
- CONFIGURATION**
- 1 Controller only
  - 2 Controller with Strobe Alert



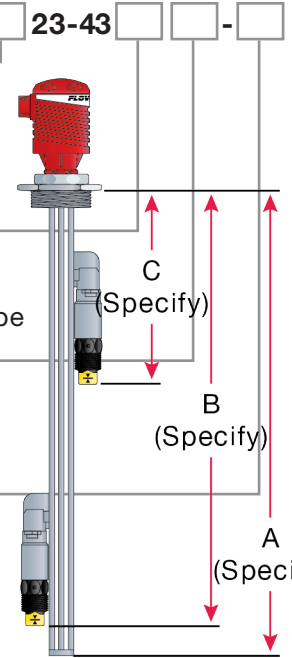
**Ordering Switch-Pro**  
Remote 10A Relay Controller, 120 or 240 VAC powered

- LC4  -1001
- ENCLOSURE MOUNT**
- 0 1 relay / 1 sensor
  - 1 1 relay (latching) / 2 sensors
  - 2 2 relays (1 latching) / 3 sensors



**Ordering Smart Trak**  
Top mount with 16A controller, 120 or 240 VAC powered

- A  23-43   -
- SENSOR TECHNOLOGY**
- Z Vibration
  - U Ultrasonic
  - V Buoyancy
- CONFIGURATION**
- 1 Controller only
  - 2 Controller with Strobe
- PROCESS MOUNT**
- 3 2" NPT (US)
  - 7 2" G (Metric)
- DIMENSIONS**
- A Specify
  - B Specify
  - C Specify



**Ordering Smart Trak**  
Top mount /w junction box

- A  2  -434  -
- SENSOR TECHNOLOGY**
- Z Vibration
  - U Ultrasonic
  - V Buoyancy
- CONTACTS**
- 6 SPDT reed
  - 8 SPST relay
- PROCESS MOUNT**
- 3 2" NPT (US)
  - 7 2" G (Metric)
- DIMENSIONS**
- A Specify
  - B Specify
  - C Specify

