



PLF Series Level Switch

Plating Company Chromic Acid High Level Indication

A large international plating company located in Michigan turned to Icon Process Controls when they needed a cost effective liquid level switching that would perform flawlessly on their chemical plating baths.

Problem

Liquid Chemical ⇒ Chromic Acid is extremely corrosive. The chemical was kept at elevated temperature which resulted in corrosive vapors. Ultrasonics were tried but proved to be much to unreliable.

Solution

Icon recommended the Levelpro PLF Series Plastic Level Switch

- > **Excellent Chemical Resistant** PVC | PP | PVDF | 316SS bodies materials
 - > Available is size from 6" to 10' with up to 8 different switch points
 - > Unlike Ultrasonic sensors the PLF Series are not affected by **Foam | Vapor | Turbulence | Condensate**
 - > All PLF Level Switch assemblies require no power and are available in Normally Open or Normally Closed positions.
 - > The PLF series can be used to indicate high |low levels, notification of upset conditions or turn pumps or valves on-off. They are also an excellent choice for redundant high| low level indication when used in conjunction with a continuous level sensor
- ⇒ Please Feel Free to Contact Icon if you would like Customer References