

FR-Tracker™

Floating Roof Monitoring

WirelessHART®



- Early Detection of:
 - Sinking Floating Roof
 - Product on Deck
 - Ladder Failure
 - Sticking Seals
 - Roof Drain Failure
- Magnetic bracket installation, no cold or hot work
- Stand-alone turnkey solution available
- Standards-based, seamless SCADA integration
- Intrinsically safe
- Battery life up to 10 years



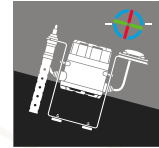
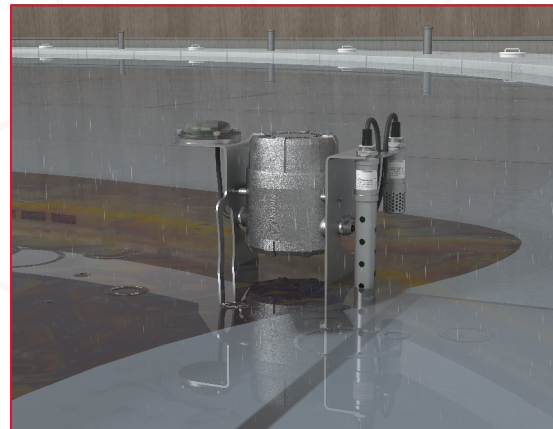
Innovation driven by safety



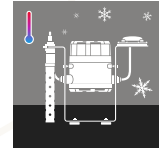
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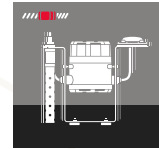
contact@sycor.com
www.sycor.com



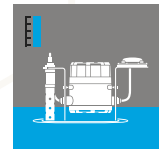
Inclination



Temperature



Vibration



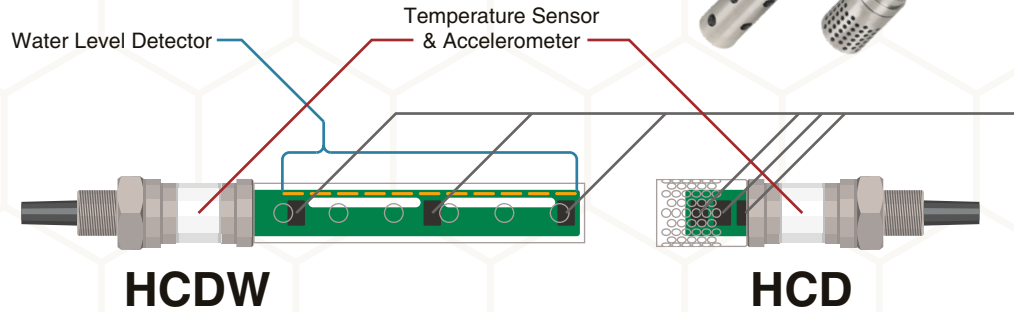
Water Level



Hydrocarbons

HCD & HCDW Sensor Probes

Components of the FR-Tracker System



Polymer Absorption Sensors (PAS)

Sycor has developed three proven, patent-pending PA sensor formulations:

- **Vapor Sensor:** Best at detecting gaseous hydrocarbons in dry or humid air.
- **Interface Sensor:** Best at detecting liquid or gaseous hydrocarbons when in air or temporarily submerged in water.
- **Water Immersion Sensor:** Best at detecting liquid or gaseous hydrocarbons when fully submerged in water or encased in ice for extended periods of time.

The HCD and HCDW Sensor Probes can be configured with up to three separate PA sensors of any formulation as required by the application.

Monitoring Software

- Runs on standalone physical, standalone virtual, or cloud-based systems.
- Unlimited data point tags allow for large scale, geographically dispersed, and complex monitoring applications.
- HTML5-based operator interface offers leading-edge data visualization, tailored to support a facility's specific design requirements.
- DCS/SCADA integration supported.

