



# HYDROSTATIC INTERSTITIAL BRITE™ SENSOR (HIS)

The hydrostatic interstitial Brite™ sensor (HIS) detects leaks in double wall tanks where the interstitial space is filled with a liquid brine solution. For use with all EVO™ Series fuel management systems, the HIS polyester, Nitrile, and epoxy construction is compatible with all types of brine.

## HIGHLIGHTS

- Versatile sensor for virtually all fiberglass double wall tanks equipped for hydrostatic leak detection.
- Microcomputer monitors liquid at varying levels within tanks and relays digitally encoded status information via the fail-safe Brite™ sensor digital communication system to fuel management system or Tank Sentinel® ATGs, alerting of any alarm conditions.

Model	Description
FMP-HIS	Hydrostatic interstitial Brite™ sensor, 11" (EVO™ 550 and EVO™ 5000)
FMP-HIS-XL	Hydrostatic interstitial Brite™ sensor, 21" (EVO™ 550 and EVO™ 5000)
FMP-HIS-U	Hydrostatic interstitial Brite™ sensor, 11" (EVO™ 200 and EVO™ 400)
FMP-HIS-XL-U	Hydrostatic interstitial Brite™ sensor, 21" (EVO™ 200 and EVO™ 400)
TSP-KV4**	Hydrostatic sensor vented riser pipe cap kit for 4" riser pipes

Note: The HIS and HIS-XL communicates with the ATG using 3 wires. The HIS-U and the HIS-XL-U communicates with the ATG using 2 wires.

\*Not including cable.

\*\* One TSP-KV4 is already included with each HIS or HIS-XL sensor

## APPLICATION

For liquid-filled tank interstitial monitoring.

## INSTALLATION

- Lower HIS to the bottom of the brine reservoir of double wall tank.
- The normal brine level should reside half way up the sensor.
- Sensors include the TSP-KV4 vented 4" riser cap.



# HORIZONTAL FLOAT SWITCH SENSOR (HFS)

The HFS sensor is designed for liquid detection in dry fiberglass tank interstitial spaces. These 2-wire, non-discriminating liquid sensors may be used with EVO™ 550 and EVO 500™ Automatic Tank Gauges (ATGs) as well as the S940 alarm console.

## HIGHLIGHTS

- Fiberglass interstitial monitoring using a 2-wire sensor.
- For dry fiberglass tank interstitial monitoring.
- Highly reliable magnetic-float/reed-switch technology.
- Chemical-resistant materials.
- UL listed, ATEX approved, IECEx approved.

Model	Description
FMP-HFS	Horizontal float switch sensor (EVO™ 550 and EVO™ 5000)
TSP-HFS	Horizontal float switch sensor (S940 alarm console)
TSP-KI2	Interstitial sensor riser cap kit for 2" (51 mm) riser pipes

## APPLICATION

For dry fiberglass tank interstitial monitoring.

## INSTALLATION

Each HFS comes with 25' of oil-resistant cable. For fiberglass tanks, the HFS sensor is pulled into the interstitial space using a "fish" string wire. Optional installation kits are available which include a riser cap and other parts required to complete the installation.