



DISCRIMINATING INTERSTITIAL BRITE™ SENSOR (DIS)

The discriminating interstitial Brite™ sensor (DIS) detects the presence of various liquids in tanks as well as sumps and other locations. The DIS is designed to interface with the EVO™ Series fuel management systems.

HIGHLIGHTS

- Installs in the interstitial space of steel and fiberglass double wall tanks and sumps.
- Uses light beam traveling through probe to determine if sensor is wet.
- Microprocessor inside sensor interprets readings and communicates data to the EVO™ Series fuel management system.
- Fail-safe digital communications with built-in alarm if sensor malfunctions.
- Sensor can distinguish between petroleum and water.
- Alarms indicate petroleum present, water present, and sensor malfunction.

APPLICATION

For dry tank interstitial monitoring.

INSTALLATION

Each DIS comes with 25' of oil-resistant cable. For fiberglass tanks, the DIS is pulled into the interstitial space using a “fish” string or wire. For steel interstitial tanks, the DIS is lowered directly to the bottom of the interstitial space through a 2" NPT fitting provided for that purpose on the tank. Optional installation kits are available which include a riser cap and other parts required to complete installation.

Model	Description
FMP-DIS	Discriminating interstitial Brite™ sensor (EVO™ 550 and EVO™ 5000)
FMP-DIS-U	Discriminating interstitial Brite™ sensor (EVO™ 200 and EVO™ 400)
TSP-KI2	Interstitial sensor riser cap kit for 2" riser pipes

Note: The DIS and the DIS-U communicates with the ATG using 3 wires and 2 wires, respectively.



WATER DETECTION SENSOR

This sensor can detect water based on conductive technology to indicate when there is water in the Corrosion Control™ System's water separator. By removing the water from the bottom of the tank, the system reduces a key ingredient for a corrosive environment.

HIGHLIGHTS

- Highly accurate conductive technology and closed output circuit ensures that water is detected.
- Chemical-resistant materials.
- Utilizes conductive technology and communicates the value to the ATG to determine the presence of water.

APPLICATION

The sensor is to be used with the Corrosion Control™ System during the water suction phase from the bottom of a tank. The fuel/water mixture enters into a separator where the water detection sensor detects when the fluid in the separator is mostly water, thus requiring a technician to empty the container.

Model	Description
FMP-WDS	Water detection sensor (EVO™ 200, EVO™ 400, EVO™ 550 and EVO™ 5000)