

Mag Sump Sensor

Quickly and accurately
detect the presence of
hydrocarbons or water.

Mag Sump Sensor

Veeder-Root's Mag Sump Sensor quickly and accurately detects the presence and amount of water and/or fuel in the containment sump or dispenser pan.

Using proven magnetostrictive technology to detect the presence of hydrocarbons and water, the station (where allowed) remains in operation when water alone is detected.

The sensor has fast reaction and recovery times which both eliminate costly and unwarranted service dispatches and sensor replacements. This fast reaction and recovery time, allows for quick and easy periodic operability testing if required by local agencies.

Where continuous monitoring of the sensor position is required by law, site owners are immediately notified if the sensor has been moved from its proper position at the bottom of the containment sump or dispenser pan.

Alarm Conditions - Fuel Alarm, Water Warning, Water Alarm, Installation Alarm and Comm. Alarm are indicated by an audible alarm, a displayed message and a printed message on the TLS/EMC console. They are also recorded as a part of the TLS/EMC console Alarm History Report.

Temperature Rating

Storage:

-40 degrees C to + 60 degrees C

Operating:

-40 degrees C to + 60 degrees C

Cable Length:

10 feet

Sensor Dimensions:

Available in lengths of 12" and 24" (22" and 34" total sensor lengths respectively)



Features & Benefits

Full protection with comprehensive alarm conditions

- **Fuel Alarm** - triggered when fuel reaches approximately 1.5" in height
- **Water Warning** - triggered when water level reaches approximately 1.7" in height
- **Water Alarm** - triggered when water reaches user defined programmable height
- **Installation Alarm** - triggered when sensor is moved from proper operating position
- **Comm. Alarm** - triggered when there is no communication with the sensor

Optional Sump Integrity Testing

- Allows for testing of sumps and pans without removal of any equipment

Fast fuel and water detection reaction and normal state recovery times

- Proven industry accepted magnetostrictive technology
- Enables easier and less time consuming periodic operability tests

Station up time

- If allowed by local regulation, station may not have to shut down if water only is detected
- Proper position always monitored to ensure greatest probability of leak detection
- Alarm history is maintained for compliance reporting where required

Standard Models

Form No.	Product	Nominal Sensor Length
857080-111	Gasoline or Diesel	12"
857080-112	Gasoline or Diesel	24"

Sump Integrity Testing Models*

857080-211	Gasoline or Diesel	12**
857080-212	Gasoline or Diesel	24**

* Requires V26 or greater software

Form No.	Description
330020-012	Universal Sensor Mounting Kit

Mag Sump Sensors are compatible with the following consoles with Smart Sensor Card installed, and Version 24 Software or greater.

Console

TLS-350R/EMC w/BIR
TLS-350 Plus/EMC Enhanced
TLS-350/EMC

For more information call

1-888-561-7942



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VR 13752 P/N 0576047-070 Rev.F VR 2/07 Printed in USA