

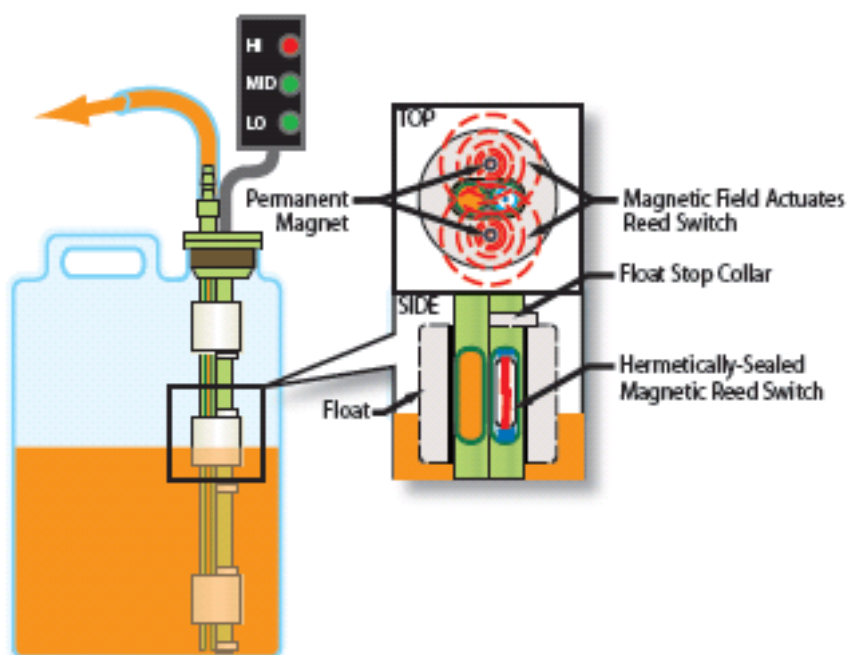
LS-350: Operating Principle

The LS-350 Series provides two functions:

1. liquid level monitoring *and*
2. fluid fill or extraction access.

The latter function is accomplished with an integrated siphon tube that runs parallel to the float sensor stem and through the top mounting; it is commonly topped with a barb (or customer specified) fitting for the connection of flexible tubing.

Fluid level sensing is accomplished with magnetic reed switch technology. One or more floats encircling a stationary stem are equipped with powerful, permanent magnets. As a float rises or lowers with liquid level, the magnetic field generated from within the float actuates a hermetically sealed magnetic reed switch mounted inside the stem.



The switch actuation may be used for alarm, solenoid, pump or other fluid control operations.