



FS-5000 Liquid Level Float Switch Technology

FEATURES

- Float switch sensing
- Analog or digital output
- Linear or non-linear float Placement
- Configurable to vehicle application
- Robust – designed for heavy shock & vibration
- Wide temperature operating range



The 5000 Liquid Level Sensor utilizes stainless steel floats with highly stable magnets in conjunction with hermetically sealed reed switches. The model 5000 Liquid Level Sensor provides high-reliability low cost liquid level sensing for applications where extreme environmental conditions exist. The floats and switches are located within the structure of the sensor at specific distances to linearize the measurement of liquid based upon a mechanical model of the fluid reservoir.

Electronic circuitry is housed in a sealed enclosure which is external to the fluid reservoir. The interface connector can be selected to meet existing or new vehicle wiring configurations. Electronic controllers, relay systems and temperature sensors are application configurable.

The 5000 Liquid Level Sensor can be adapted to a wide variety of track and wheeled military vehicles and to other fluid level sensing applications.



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