

Fuel Storage Tanks Monitoring



GuardMagic FSL

fuel monitoring system

GuardMagic FSL is a small universal GSM/GPRS module for monitoring fuel level in remote stationary objects: fuel storage tanks, fueling station, diesel generators, etc.

About:

GuardMagic FSL is a small universal GSM/GPRS module for remote tanks wireless monitoring.

Module allow remotely monitor: fuel level in fuel and oil tanks, diesel generators status (On/Off).

GuardMagic FSL module in full automatic mode collect and send to monitoring station information from fuel level sensors, status of logical circuits or status of logical sensors.

Advantages:

- Multi tanks support
- Support up to SEVEN fuel level sensors
- High "Fuel Resolution" (up to 4096 levels)
- Remote location of fuel level sensors (distance to sensor up to hundreds meters)
- Universal communication protocol



GuardMagic FSL

Specification:

GSM	850/900/1800/1900
Data transmitting	GPRS
Power voltage	DC 6 ... 12 V
Digital "fuel interface"	EIA-485
Supports digital fuel sensors	up to 7
Fuel level resolution (digital)	1024 or 4096
Analog "fuel input"	1 input
Supports analog fuel sensor	1 sensor
Input voltage ("analog fuel")	0..5 V or 0 ..10V
Logical inputs	2
Module configuration	user programming
Operation mode	continuous
Operation application	indoor / outdoor
Ingress Protection	IP 56
Operation temperature	-30 ...+70

Application:

- Fuel storage
- Fueling station
- Diesel generator
- Power distribution station, power transformer
- Fuel and oil tanks

Remote Fuel Tanks Monitoring Structure:

- External fuel level sensors;
- GuardMagic FSL module;
- GSM network and Internet;
- Monitoring station.



Gives More, Than You Think