

Digital Fuel Level Sensor



GuardMagic DLLS

fuel monitoring system

GuardMagic DLLS (DLLE): digital fuel and oil level sensor with EIA-485 communication interface for standard and heavy application.



GuardMagic DLLS

Specification:

Operation principle	capacitive
Power supply	9 ... 32 V
Resolution	1024 or 4096 levels
Communication interface	EIA-485
Communication speed	19 200 bit/sec
Operation liquids	oil, fuel oil, diesel fuel, transformer oil (with barrier: gasoline and kerosine)
Internal data filter	YES
Serial connection	YES
Ingress protection	IP67
Impact protection	IK10
Anti vandal aluminum cover	
Operation mode	continious
Operation pressure	atmospheric
Operation temperature:	
- ambient	-40...+80
- liquids	-40...+105
Mounting	6 bolts M6
Available sensor length	from 0,3m and to 6m

About:

Fuel and Oil level sensor GuardMagic DLLS is intended for precision fuel and oil level measurement in vehicle, fuel, oil and road tanker monitoring systems.

GuardMagic DLLS sensor is designed for operation in standard and heavy application with the wide temperature range. Sensor has cast aluminum case for mechanical protection.

GuardMagic DLLS sensor use the capacitive technology and has not any moving parts.

Advantages:

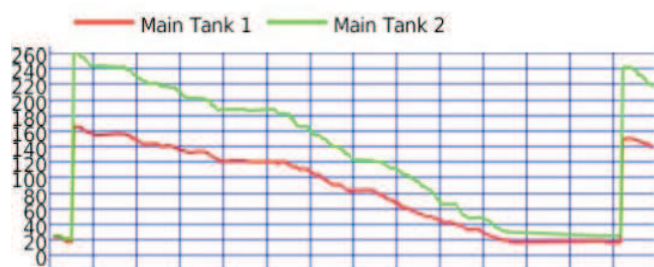
- Standard and heavy application
- Operation in wide temperature range
- Anti vandal protection
- Digital communication interface
- High resolution (up to 4096 levels)
- High noise immunity
- Sensors serial connection (multi tank support)
- Operation liquids: from raw oil and up to kerosine
- Strong mounting

Application:

- Transport, mining, building, construction;
- Fuel transportation, road fuel tankers;
- Stationary fuel storages, diesel generators;
- Power distribution station, power transformers;
- Diesel-electric locomotives;
- River and coastal tugs (towboats).

Fuel control in vehicle monitoring system:

Fuel level sensor DLLS passes the information about fuel level in the fuel tank to vehicle tracking device. Vehicle tracking device collect information about fuel level in vehicle tanks and send this information to monitoring center.



Gives Moze, Than You Think