

Floating Level Sensor Adapter



GuardMagic DAFS

fuel monitoring system

GuardMagic DAFS: controller (adapter) for resistive type floating fuel level sensor with analog output and EIA-485 communication interface.



GuardMagic DAFS

Specification:

| | |
|----------------------------|--|
| Power supply | 9 ... 14 V |
| Power consumption | 5 mA |
| Input | analog |
| Input signal range | 0... 12V |
| Input signal valuation | YES |
| Output | digital and analog |
| Analog output | three range (customer setting) |
| Output voltage range | 0... 8,5 V 0... 4,2 V 0... 2,1 V |
| Digital output | EIA-485 |
| Resolution for EIA-485 | 1024 levels |
| Communication speed | 19 200 bit/sec |
| Operation mode on EIA-485 | master and slave |
| Network address on EIA-485 | 01 |
| Customer programming | YES |
| Internal data filter | YES |
| Service indicator | LED |
| Application | indoor |
| Ingress protection | IP32 |
| Operation mode | continious |
| Operation pressure | atmospheric |
| Operation temperature | -40...+80 |

About:

GuardMagic DAFS is intended for connection car, light vehicle regular floating fuel level sensor to GPS-GSM/GPRS module.

GuardMagic DAFS intended to read the analog signal from the vehicle regular resistive type floating fuel level sensor and converts it into:

- digital form: EIA-485 communication interface;
- stable noise and pulse free analog voltage output 0-8,5 V range.

GuardMagic DAFS could be used to provide fuel monitoring function on passenger cars, "JEEPs", VANS, "pick-up" or light trucks (Light Commercial Vehicles) on which the use of DLLS fuel level sensors is not reasonable due to technical, or economic reasons.

Advantages:

- Wide voltage input range
- Valuation of the input signal
- External filter
- Programming the operating parameters
- Dual output: analog and digital
- High resolution

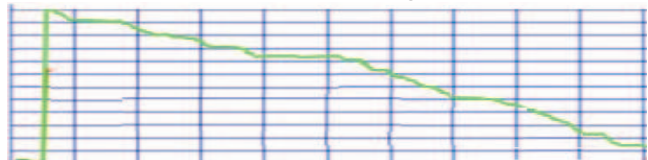
Application:

Car, "Jeep", VAN, Mini Bus, Light Trucks, "Pick-Up".

Fuel control in vehicle monitoring system:

GuardMagic DAFS allow by very economical way embed fuel monitoring function for cars, VANS, LCV in vehicle monitoring system.

DAFS receive information from car floating fuel level sensor, valuate and processing input signal, and transmit it to vehicle tracking device.



Gives Moze, Than You Think