

# Floating Level Sensor Adapter



## GuardMagic DAFS2

## fuel monitoring system

**GuardMagic DAFS2:** controller (adapter) for resistive type floating fuel level sensor with analog output and **RS-232** communication interface.



**GuardMagic DAFS2**

### 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	RS-232
Resolution for RS-232	1024 levels
Communication speed	19 200 bit/sec
Operation mode on RS-232	master and slave
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 DAFS2 is intended for connection car, light vehicle regular floating fuel level sensor to GPS-GSM/GPRS module.

GuardMagic DAFS2 intended to read the analog signal from the vehicle regular resistive type floating fuel level sensor and converts it into:

- digital form: RS-232 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

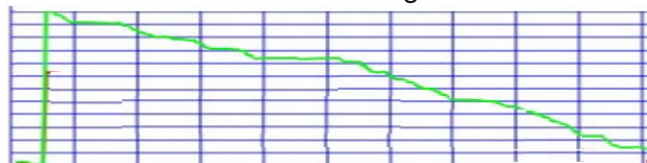
### Application:

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

### Fuel control in vehicle monitoring system:

GuardMagic DAFS2 allows 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