Floating Level Sensor Adapter
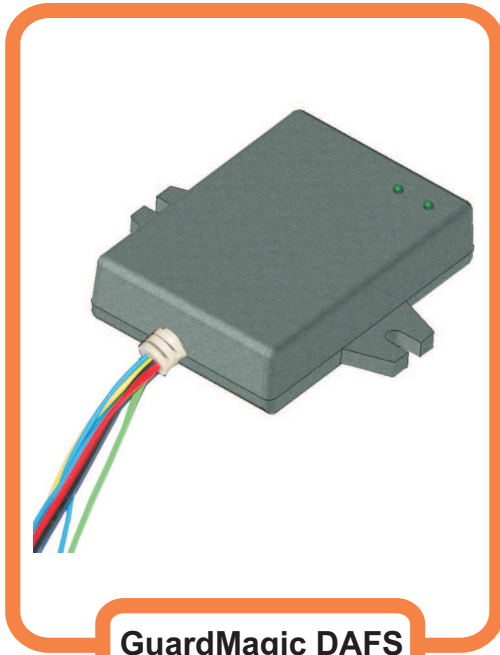

GuardMagic DAFS

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

GuardMagic DAFS

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".

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	0 ... 8,5V
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

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 More, Than You Think