

# Electronic Fuel Level Probe



## GuardMagic FLPa

## fuel monitoring system

GuardMagic FLPa is a universal **Electronic Fuel Level Probe** with analog output for the construction fuel monitoring and fuel measurement system.

**GuardMagic FLPa** is the special fuel level probe for the fuel monitoring and fuel measurement system (stationary and transports).

**GuardMagic FLPa** can be installed in any type of motor vehicles, tractors, construction and agricultural machines, special machines, diesel-electric locomotives or stationary diesel-electric generator; stationary fuel tank.

**GuardMagic FLPa** could be used in most of liquid fuels.

**GuardMagic FLPa** Fuel Level Probe are universal and could be applied in the fuel tanks of depth from 200mm to 4000 mm.

The probes are made of standard lengths and before the probe installation the probe's tube only should be cut according for the depth of fuel tank.

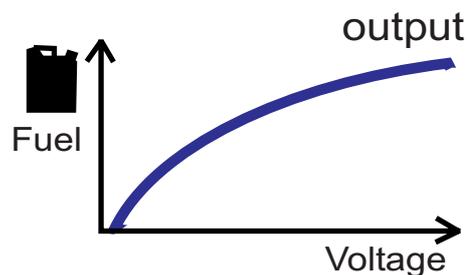
Fuel level probe measures fuel level and forms the output voltage, on a pro rata basis to the fuel level in a measured volume.

Changing the output voltage range of such **GuardMagic FLPa** probe: from 0 to 4,5 Volts



GuardMagic FLPa

Power supply:	6 ... 30 V
Power consumption:	< 0,2 W
Operation principle:	capacitive
Output:	0 ... 4,5 V
Acceptable reduced error range of fuel level metring:	+ / - 1 %
Probe length:	200 mm - min. 4000 mm - max. (factory order)
Working mode:	continuous
Working pressure:	atmospheric
Operation temperature, Celcius degree:	-40...+60
Humidity:	<95% (+40 C)
Dimension:	L x 70mm x 70mm
Weight	depend of length



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