

Digital Fuel Sensor



GuardMagic DFLS2

fuel monitoring system

GuardMagic DFLS2 is the special fuel level sensor with digital output interface.

GuardMagic DFLS2 is intended for use in fuel monitoring system.

GuardMagic DFLS2 can be installed in any type of motor vehicles, tractors, construction and agricultural machines, diesel-electric locomotives or stationary diesel-electric generator.

GuardMagic DFLS2 has a digital output interface: RS-485 that allow to have several sensors in one bus.

GuardMagic DFLS2 could be used in most of liquid fuels.

The Fuel Sensors are universal and consequently are adjusted on concrete depth of fuel tank.

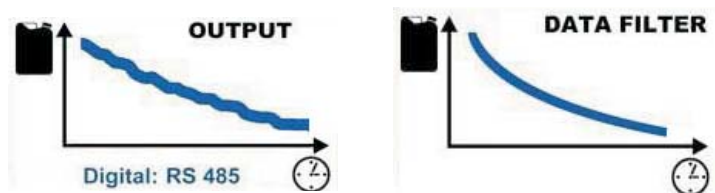
The sensor's tube only should be cut according for the depth of fuel tank and then adjust it.

GuardMagic DFLS2 consists of independent capacities and temperatures measuring instruments and the special microprocessor which is carrying out processing of the received information from measuring instruments and transfer of the processed information on the digital data interface.



GuardMagic DFLS2

Power supply	9 ... 14 V
Consumption current	30 mA
Operation principle	capacitive
Number of gradation (resolution)	1024 levels
Output interface	RS-485
Communication speed	19 200 bit sec
Standard probe length	700, 1000, 1500 mm (factory order)
Working mode	continuous
Working pressure	atmospheric
Operation temperature, Celcius degree	-40...+80
Weight	2,5 Kg



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