

LECHO

Elektronika autogaz

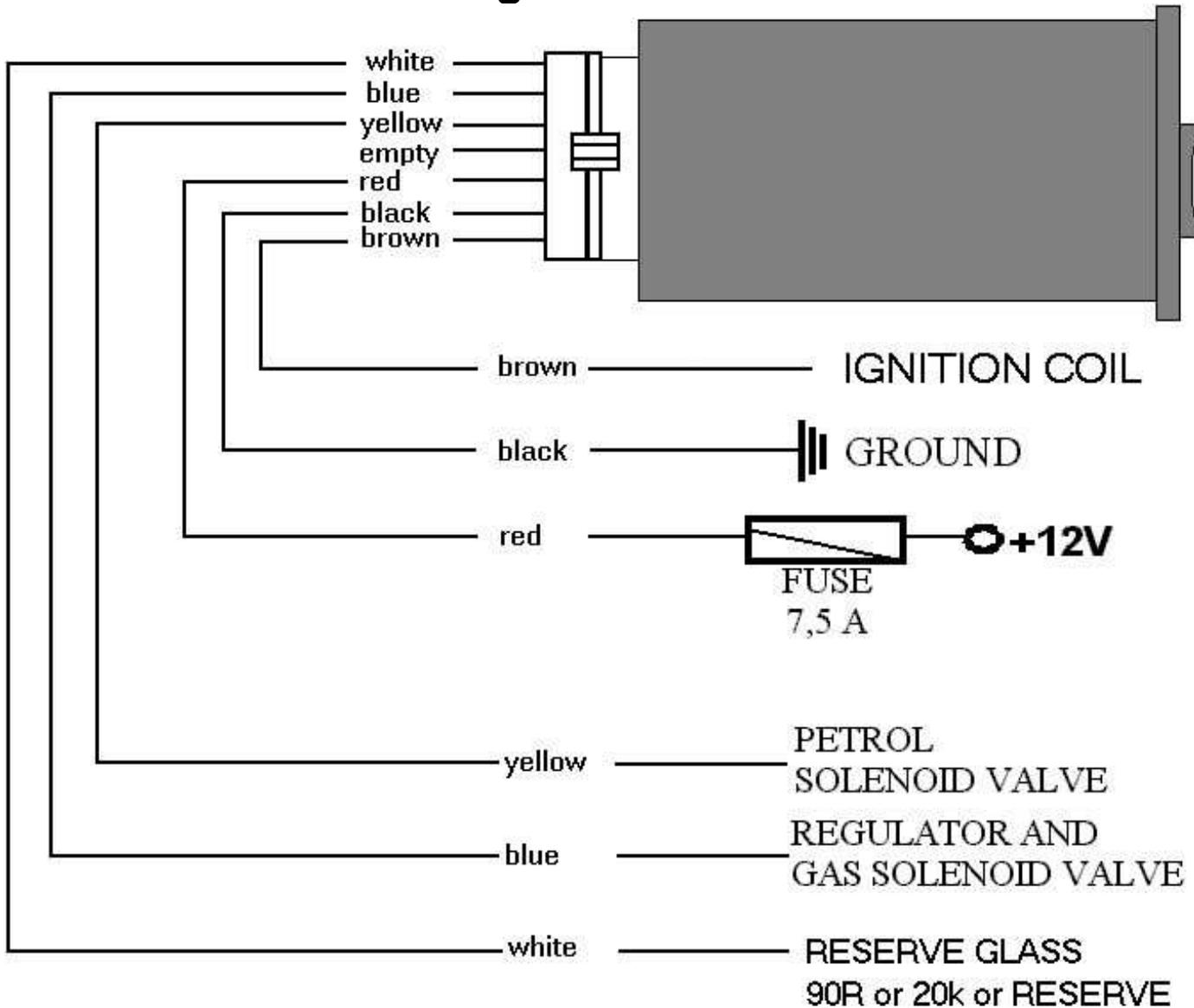


**Petrol – Gas
operating mode switch
for carburettor vehicles**

Use of GRM switch:

"GRM" is designed for change of feed type from petrol to gas and from gas to petrol in vehicles equipped with a carburettor petrol engine and a "propane – butane" feed system.

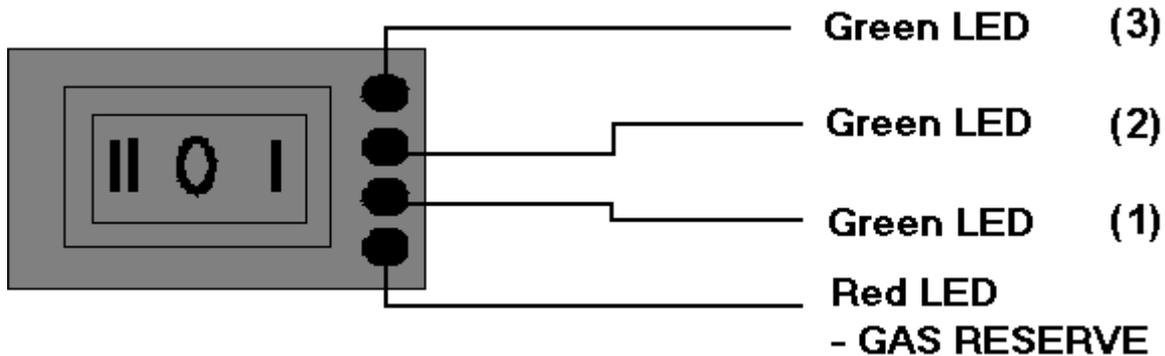
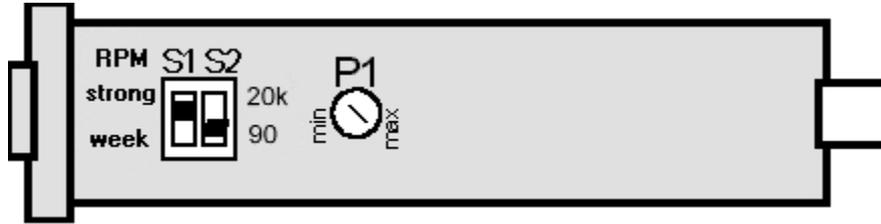
Switch installation diagram:



Controller tuning:

After the switch is installed according to the installation diagram, it does not require tuning. Simply choose the reserve glass type with S2 switch, and set the rpm signal level (strong or weak) with S1 switch. Also set the gas solenoid valve disconnection time delay with P1 potentiometer that is installed on the device's side panel.

Operating the "GRM" switch:



GRM'S SIDE PANEL SWITCHES DESCRIPTION:

S1 – RPM selection

- **Upper position** of the switch stands for a good, strong rpm signal level, with a ignition coil in a good shape
- **Lower position** of the switch stands for a weak rpm signal from the coil

S2 – Reserve glass type

- **Upper position** stands for a 20k ohm glass.
- **Lower position** stands for a 90 ohm glass.

P1 – A potentiometer used to adjust the gas solenoid valve disconnection delay after the rpm signal fades (value range: 0,1 – 4 seconds).

POSITIONS OF THE MAIN SWITCH ON THE FRONT PANEL :

- 0** – **Burning out**, both solenoid valves (gas and petrol) are closed. Diodes 1 and 3 flash alternatively. Diode 2 also flashes.
- I** – **Petrol operation**, (LED indicators are off). The gas solenoid valve is off at the moment
- II** – **Gas operation**, GRM shows the gas level in the tank. If all the diodes are lit, the tank is full. If the red diode is lit, gas reserve is on

DEVICE TECHNICAL DATA:	GRM Switch
Nominal power supply	14V
Maximum power supply	10..16V
Operating temperature	-25...+70 st. C
Supply current	0,15A
Revolutions input	Uinp.=0 – 35V, Rinp.=100kW
Reserve input	Sensors: 90R, 20k, reserve

Certificate number: **E8** 67R - 013512

Guarantee:

The producer guarantees that the device will operate properly for 12 months from the purchase date. In case the device does not operate correctly please send it together with this manual and the problem description to the place where it has been purchased. Devices damaged due to incorrect installing, mechanical damage or interference of incompetent persons are excluded from the guarantee

Manufacture date:

Producer:

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