GuardMagic VB8

01-11-2011

1. Table

(communication protocol – GuardMagic Universal communication protocol)

1	**Power source**	
1.1	Vehicle battery 12 /24 V (9 … 30 V)	**+**
1.2	External reserve battery (12 V , 1,2 A/h)	**+**
2.	**Inputs-Outputs in general**	
2.1	Logical inputs (in summary)	7
2.2	EIA-485 interface ("digital fuel bus")	**+**
2.3	Quantity of EIA-485 interface ("digital fuel bus")	2
2.4	1-Wire interface	2
2.5	RS-232 interface (for advanced functionality)	+
2.6	Pulse inputs	1 (3)
2.7	Logical outputs	2
3.	**Main function and connection**	
3.1	GPS information sending (speed, date, time, coordinates)	**+**
3.2	Sending information from external sensors	**+**
3.3	Internal memory for 120 Thousand records. Storing collecting information if GPRS connection is absence.	**+**
3.4	Operation mode: - real time; - packet.	**+**
3.5	Driver identification	**+**
3.6	Immobilization function	**+**
3.7	Remote blocking engine starting (engine blocking)	**+**
3.8	Total fuel tanks monitoring up to:	**14**
3.9	Regular tanks fuel monitoring function. Connection to digital fuel sensor (**GuardMagic DLLS**, **DLLE** or with the same communication protocol).	**3**
3.10	Cargo tanks or service tank monitoring function (cargo tanks, cargo compartments in Tanker Truck) up to: Connection to digital fuel sensor (**GuardMagic DLLS**, **DLLE** or with the same communication protocol).	**11**
3.11	Additional fuel interface for cargo tanks	+
3.12	Fuel level sensor resolution (levels)	1024 or 4096
3.13	Connection to digital temperature sensor (**GuardMagic DTS** or other with 1-wire communication protocol). Temperature monitoring function.	**7**
3.14	Connection to regular engine overheat sensor. Sending overheat information.	**+**
3.15	Ignition "On-Off" control	**+**
3.16	Car alarm connection and car alarm activation control.	+
3.17	Regular fuel tank empty control and sending information	+
3.18	Crash sensor connection. Automatic sending information about road accident.	+
3.19	Connection to PANIC button. Sending information of pressing button.	+
3.20	Connection to EVENT button. Sending information of pressing button.	+

3.21	Connection to RPM sensor (RPM circuit). Sending RPM data	+
3.22	Remote module reprogramming by GPRS	+
4.	**Additional function**	
4.1	GPS receiver status monitoring	+
4.2	"Digital Fuel Bus" status monitoring	+
4.3	Main Power status monitoring	+
4.4	Automatic theft signal transmitting.	+
4.5	Automatic transmitting information about not authorization engine starting	+
4.6	Possibility to connect to the additional data concentrator in EIA-485 interface	+
4.7	Possibility to connect to the additional "Fuel Inlet Cap Sensor controller"	+
4.8	Possibility to connect to additional terminals (navigator, SCADA etc.) by RS-232 interface	+
4.9	Sleep mode	+
4.10	Active stand by mode	+

2. Photo

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- Dimension without antenna connector: 148x 94x 24 mm
- Weight: 320 gr.