



TSG-1 GSM SERVICE TRANSMITTER

Overview

GSM service transmitter TSG-1 is a device that enables to send SMS information about all events recorded by the control panel made by POLON-ALFA. It can also monitor any device which is equipped with potential free relay output. The transmitter uses GSM network and SIM card putted inside the device.

Rules regarding cooperation with control panels

Service transmitter can with addressable control panels made by POLON-ALFA. For the communication serial port RS-232 and the PMC-4000 protocol are used. The transmitter is also equipped with two inputs to use for the connection of any device equipped with relay or open collector output that makes short to ground. Thereby conventional control panel IGNIS 1000/2000 made by POLON-ALFA, control panels made by other manufacturer or intrusion control panels can be connected to the transmitter.

For the transmitter configuration dedicated computer application should be used. The application can be downloaded from www.polon-alfa.pl. The transmitter should be connected to the computer with the standard mini USB cable which is a kit with the transmitter. The application enables to save from one to five phone numbers to which SMS event notification will be sent.

Technical specifications

Used GSM frequency	850/900/1800/1900 MHz
Antenna connection	SMA
SIM card voltage	1,8/3 V
Power supply	from 5 to 30 V DC
Max. current consumption	400 mA
Connection with addressable panels	RS-232
Communication protocol with control panels	PMC-4000
Inputs	W1, W2 (triggered by short to ground)
Connection with the computer	USB (mini USB in transmitter)
Mass	0.1 kg
Operation temperature range	from -30 °C to +75 °C
Dimensions	89 x 60 x 30 mm