



2. Technical description of the system

2.1. Type number

- Receiver : 13BBG

2.2. Specifications of receiver

- Nominal frequency : 314.98 MHz
- Micro computer clock frequency : 8.00 MHz
- Type of receiving system : Super-heterodyne
- Power Supply
 - Nominal supply voltage : 12 VDC (vehicle battery)
- Antenna : External type (Fixed)



3. Outline of the system

3.1. Description of the system operation

This system is used for monitoring and indicating about information of air pressure and temperature in vehicle's tires.

This transmitter sends to receiver the data that are information of air pressure and temperature in vehicle's tires.

The data also include battery voltage and identity code of transmitter.

The receiver judges if the data of air pressure and temperature from transmitter are not normal conditions. And then the receiver sends communication signals to a warning lamp through gateway ECU which is an intermediate ECU to divide signals. The warning lamp warns drivers.

3.2. Installation in vehicle

The receiver is installed inside the vehicle.