

## Contactless interface for data acquisition from CAN-Bus

### Main features:

Supports wide range of CAN-Bus and CAN-FMS (J1939) transmission rate: 10-500kBit/s;  
Standard data input interface for CAN-Bus (TJA1050);  
Power supply: from 12 to 36 Volts;  
Power consumption 5 mA;  
Operating ambient temperature range: -40..+85°C.



### Installation:

Locate CAN-Bus (twisted pair of wires).



Untwist wires and make 5cm wide gap.



According to marks on module place module edge between wires and lock four band clips as shown on picture below.



### Wires (colors and function):

red	—————	+12..36 V
black	—————	GND
orange-green	—————	CAN-H
orange-brown	—————	CAN-L

### Description:

Module acquires data from CAN-Bus or CAN-FMS (J1939) of vehicle without connecting it directly to bus wires. This solution provides safe installation of fleet management devices without the risk of vehicle warranty loose. It secures CAN-Bus or CAN-FMS (J1939) in case of jamming.

Contactless data acquisition from data bus protects supplier of monitoring systems against legal problems associated with the possible lose of warranty (modification of electric system). In addition technology helps to avoid consequences of wrong wiring.

Module is easy to install and has many universal applications.

### Functionality:

Support for fleet management devices (GPS/GSM/GPRS modules) equipped with input interfaces for CAN-Bus or CAN-FMS (J1939).

Contactless data acquisition from car CAN-Bus.

Contactless data acquisition from CAN-FMS (J1939) used in trucks and building machines.

Support for industrial systems acquiring data from CAN-Bus or CAN-FMS (J1939).