

Contactless interface for data acquisition from J1708 bus

Main features:

- Supports wide range of J1708 bus transmission rate: 2,4-115kBit/s;
- Standard data input interface for J1708 (MAX485);
- Power supply from 12 to 36 Volts;
- Power consumption 5 mA;
- Operating ambient temperature range: -40..+85°C.

Installation:

Locate J1708 bus (twisted pair of wires).







Untwist wires and make 5 cm wide gap.



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



Wires (colors and function):

red		+12..36 V
black		GND
orange-green		B
orange-brown		A



Description:

Module acquire data from J1708 bus 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 J1708 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 J1708 bus.

Contactless data acquisition from J1708 bus used in trucks and building machines..

Support for industrial systems acquiring data from RS485 bus.