

# G4N02TAP

CAN-bus & J1708 JBus  
Signal tapping interface



## KEY FEATURES

- Non-intrusive technology
- Compatible with all vehicles
- No physical wire connections
- Output data via CAN interface
- Full galvanic protection
- Signals presence notification
- No soldering or wire cutting
- Fast & Easy installation

### Product overview:

G4N02TAP is a genuine device created for collecting specific automotive information like fuel consumption or odometer from any vehicle equipped with CAN-bus or JBus.

The tapping sensor is working by detecting the energy within the electrical network by using coil electrodes aligned with the wires transporting the data signals, which is transformed in a reconditioned signal and isolated over an output CAN-bus or JBus interface.

### Hardware Features:

- Reads vehicle's signals through wires eliminating warranty issues or electrical problems
- Compatible with the CAN standards: J1939 @250/500kbps, ISO 11992, ISO 11783
- A bi-colored LED which indicates the presence of data within the vehicle's bus
- The sensor automatically detects signals polarity, thus minimizing incorrect installation
- The output interface is connectable directly in any FMS interface or GPS Tracker
- Multiple sensors can be connected in parallel on the output (isolated) interface
- The sensor does not require any special configuration to work with the telematic units
- Reliable reading of CAN-bus data due to the intelligent signal detection and processing
- The reading method used is not altering in any way the signal from the vehicle's bus
- The CAN output interface can communicate to a distance of over 100m @500Kbps

### Technical Parameters:

- Power input +7 .. 28 Vdc
- Power consume: 15 mA
- Overvoltage protection
- Enclosure size 35x35x15 mm
- Temperature range -30 .. +85C

### CAN-bus Interface:

- CAN-bus speed rate: 128kbps .. 1Mbps
- Compatible with CAN 2.0B
- 1LED – CAN traffic detection
- Compatible with any vehicle

### J1708 JBus Interface:

- RS485 speed rate: 9600 bps
- Compatible with J1708/J1587
- 1LED – serial traffic detection

