

# G4N03TAP

CAN-bus & J1708 JBus  
Contactless reading interface



## KEY FEATURES

- Non-intrusive technology
- Compatible with all vehicles
- 100% data capture success
- No physical wire connections
- Output data via CAN interface
- Full galvanic protection
- Data sensing from 3mm proximity
- Signal presence notification LED
- No soldering or wire cutting
- Fast & Easy installation

### Product overview:

G4N03TAP is a genuine device created for collecting specific automotive information like fuel consumption or odometer from any vehicle equipped with CAN-bus or JBus. This model brings an ergonomic design, an integrated bus terminator, an SMPS and a higher sensitivity sensor leading to zero data loss up-to 1Mbps.

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 range: 6...36 VDC
- Power consume: @12V - 13 mA, @24V - 6.5 mA
- Overvoltage protection
- Enclosure size: 35x35x15 mm
- Temperature range -40...+110C

### 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 - data traffic detection

