DUT-E GSM

Fuel level sensor with GSM and GPS

A 2-in-1 device – fuel level sensor and GPS tracker in one body

GPS

GSM 2G/3G

SMS, e-mail

Telematic service

DUT-E GSM in à fuel tank

- Quick installation of one device
- Configuration via the Internet
- "Onboard" data analysis
- CANbus connection
- Flexible report configuration

Fueling of 102 L
01.11.2019 8:04

Draining of 25 L
02.11.2019 10:15

285 L
235 L
185 L
135 L
85 L

Monitoring of fuelings and drains of the fuel tank

Movement track and positioning control

Features

Movement tracking: GPS/GLONASS coordinates, speed, parking places, movement duration.

Fuel tank monitoring: fuel residue, volumes of refiling and draining, fuel decrease (consumption) from tank.

Engine operation monitoring: onboard network voltage, RPM and other 100+ parameters from CAN* bus.

Connection up to 7 level sensors, and 8 fuel flow meters.

Flexible report configuration – 20 templates, reporting is triggered upon Event occurrence ("Each minute", "Fuel draining", "Fill-up" etc.)

Data validation using accelerometer (movement sign, tank inclination) for higher accuracy of detected Events.

* contactless connection using Crocodile reader is recommended

Event detection and notifications

Engine start/stop, beginning of movement, entry to zone, speeding, excess time in movement.

Fuel tanks refiling and draining from tanks + place of the Event.

Ignition on/off, onboard network voltage excess.

Notifications on Events via SMS/e-mail before sending data to server.

Sending onboard Reports to server and directly to user via e-mail.

Specification

Power supply	10 .. 45 V
Operating temperature	-40 .. +85 °C
Buffer memory capacity	no less than 50 000 reports
Input interface	CAN j1939/S6
Accelerometer	3-axis

Technologies