



## Fill level measurements for liquids with ultrasound

Data transmission in real-time with telematics

### Fill level monitoring

You may be asking yourself the question, “why do I need a fill level meter?” If you have ever been a victim of fuel theft, for example, then you know that diesel thieves are capable of stealing up to €1,000 worth of fuel. With ENAIKOOKON’s technology, you will be immediately alerted by e-mail, in the event an abnormal removal of fuel takes place, allowing you to react accordingly.

Not knowing if your vehicle will make it to an economical petrol station can result in having to fill-up at a more expensive motorway station. With access to vehicle and route information on ENAIKOOKON’s web portal, your dispatcher can determine the best fill-up option for designated route and operate vehicle more cost efficiently.

Your on a camping trip with your recreation vehicle, driving through a barren, but beautiful landscape, do you know when your waste water tank will need to be emptied again? Will you reach the next camp site with a waste water connection in time?

ENAIKOOKON telematics provides you with reliable and efficient solutions.

### Real-time tank monitoring features

#### Tank fill levels and fuel consumption in real-time

- exact measurement of the fuel tank’s fill level
- on-going calculation of average fuel consumption
- online access to the fuel tank’s fill levels at any time

#### Range calculation

- recording of inflow and outflow
- calculation of average influx or consumption
- calculation of current fuel range

#### Status message for

- dropping below minimum fill levels
- exceeding maximum fill levels

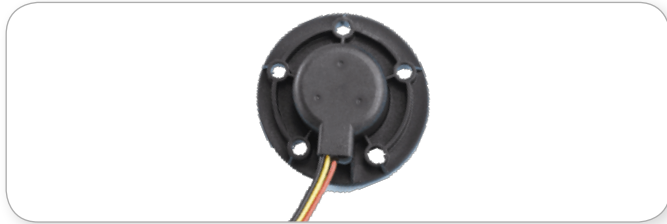
#### Theft alert

- detection of unusually high consumption of fuel
- immediate notification by e-mail or text message
- accurate police intervention with GPS positioning
- audible alarm (optional)



## The sensor

SSI Technologies ultrasonic sensors are very precise and economical for recording fuel tank fill levels.



### Highlights at a glance:

- flexible software permits adaptation to any tank parameters
- alternative display of the fill level depth or content of the fuel tank
- for tank depths up to 1,498.60 mm
- can be optimally combined with ENAIK00N's telematics units

## The telematics unit

The ENAIK00N locate-06 telematics unit records and transmits fuel tank fill levels and fuel consumption in real-time via a mobile phone network. Thanks to GPRS, thousands of measurement values can be transmitted from your tank to an Internet server and be retrieved for less than €1 per day.



### Important Features:

- mobile phone data transmission
- GPS positioning
- digital inputs and outputs
- analogue inputs
- 1 wire connection (e.g. for iButtons)

## ENAIK00N's telematics overview

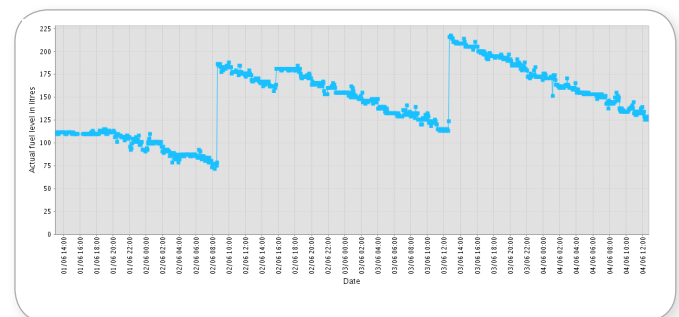
- offering a large selection of different telematics modules, creating customised solutions for almost any possible application
- wireless communication in real-time so you always know what's going on
- powerful and secure web-based solution with:
  - no software installation required
  - data retrieval via any web browser or on your mobile phone
- automatic e-mail and text message reports for ease-of-use
- evaluations put you in the know: driver log-book, daily and weekly reports about individual drivers or equipment, break times, and speed profiles

## Easy-to-use technology

- installation of the device within minutes
- maintenance-free operation with detailed manual
- hotline with local call charges

## The evaluation

The fuel related data for each vehicle in the vehicle list is clearly assigned. Graphs show the current tank level as well as the history and the average consumption.



| Actual fill level [litre] $\uparrow$ | Actual fill level [%] | Rest range | Name of the driver | Trackable    |
|--------------------------------------|-----------------------|------------|--------------------|--------------|
| 519.00                               | 86.50                 | 2,030.20   | Michael Potter     | Scania Truck |
| 373.41                               | 74.68                 | 1,138.17   | John Miller        | MAN TGM      |

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