



## DUT-E 2Bio fuel level sensor

Same accuracy for all types of fuel!

Different fuel types (summer diesel, winter diesel and especially biodiesel) have different permittivity values. For accurate fuel volume measurement in case of switching between different types of fuel re-calibration of fuel tank is needed.

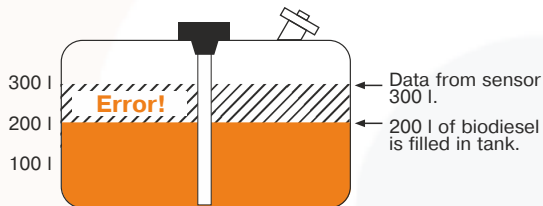
**DUT-E 2Bio** fuel level sensor is designed for accurate volume measurement of all types of fuel.

Re-calibration and re-configurations is not needed.

### Purpose

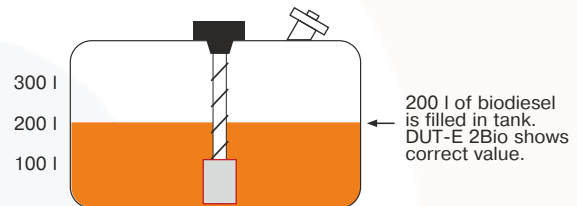
#### Ordinary capacitive fuel level sensors.

Fuel level sensor sends **overestimated** fuel volume when switching from regular diesel fuel to biofuel.



#### DUT-E 2Bio fuel level sensor.

Fuel level sensor sends **real** fuel volume when switching from regular diesel fuel to biofuel.



### Features

- Re-calibration of fuel tank is not needed when switching to other fuel type;
- digital self-diagnostics function for data reliability control;
- adjustable signal filtration function minimizes data leaps caused by fuel vibration;
- screen-filter protects against mud and water from bottom of tank;
- additional section available for order to build up length of probe;
- configuration via Bluetooth by connecting S6 BT Service Adapter.

### Specifications

#### Technical specifications:

Operation principle .....	Capacitive
Interface .....	CAN (J1939)*
Measurement inaccuracy, mm .....	± 0.1
Supply voltage, V .....	10 .. 50, protection up 100
Operation temperature, °C .....	-40 .. +85
Current consumption (DC 24/12V), mA .....	≤ 25/50
Probe length, mm .....	700, 1000
	* option – RS-485, RS-232

#### Technologies

