



Fuel level sensor DUT-E

Fuel level sensor DUT-E is designed for **precision fuel level measurement** in tanks of vehicles, trucks, tractors, road-building machinery, fixed installations. DUT-E is used as a standard fuel level sensor or as an additional sensor to be used with AVL, FMS or vehicle tracking systems.



Ease of mounting, precise measurement.
DUT-E is mounted instead of standard fuel level sensor or into special hole in vehicle fuel tank.

Purpose

Features

- ▶ Allows reduction and increasing the length;
- ▶ Does not afraid vibration;
- ▶ Has possibility of sealing;
- ▶ Output signal does not depend on the supply voltage;
- ▶ Has temperature compensation with adjustable rate*;
- ▶ Has an adjustable period of signal filtering*;
- ▶ Self Test*.

* – only digital models

DUT-E A5 : analog output (voltage range 1.5 – 4.5 V);
DUT-E A10 : analog output (voltage range 2.5 – 9.0 V);
DUT-E F : frequency output (500–1500 Hz);
DUT-E 232 : digital RS 232 interface;
DUT-E 485 : digital RS 485 interface;
DUT-E CAN : digital CAN interface.

Specification

Operating principle	Capacitive
Measurement inaccuracy, %	±1
Supply voltage, V	10..50, protection up to 100
Operating temperature, °C	-40 ..+85
Current consumption (DC 24/12V), mA	≤25/50
Length, mm	1400* 1000* 700* 500, 350, 250, 180

* – only specified lengths for DUT-E 232/485

Application

Fuel level sensor DUT-E passes the information on raising or lowering fuel volume in tank to tracking device. Vehicle tracking system with the help of GPS determines the location and time. User receives information about changes of fuel volume in the form of parameters or diagrams.



can
be
extended