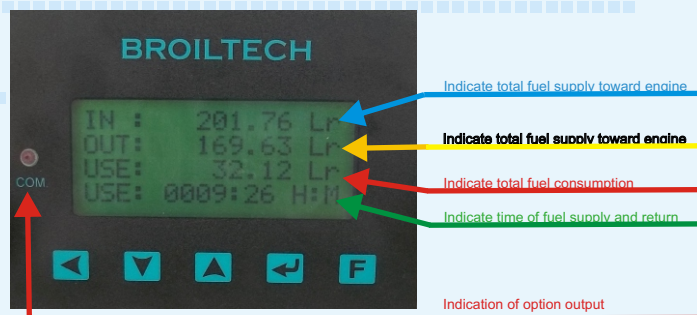


## Diesel Generator Fuel Consumption System



CE certified flow sensor

Measure fuel consumption from 10 kw/kva/hp diesel engine to 3000 kw/hp/kva diesel engine

### Application

- Highly reliable and accurate fuel consumption measurement in trucks, Tankers, Infrastructure and Construction machinery, agriculture machinery, river boats and diesel engine.
- It define you an accurate consumption of fuel so difficult to theft fuel from vehicle

### Features

- Indicate total fuel consumption
- Indicate total fuel supply toward engine
- Indicate total fuel return from engine
- Indicate time of fuel supply and return
- Fuel measuring via positive displacement flow sensor
- Suitable with all diesel engine
- On board power supply from Vehicle- 8VDC -30 VDC

### Fuel Flow Sensor selection guide line :

Flow Sensor	Diesel Engine Power Rating
BT-DOFS-006	-----up to 200 KW/KVA/HP
BT-DOFS-008	----- 200 TO 400 KW/KVA/HP
BT-DOFS-012	----- 400 TO 1000 KW/KVA/HP
BT-DOFS-020	----- 1000 TO 1500 KW/KVA/HP
BT-DOFS-025	----- 1500 TO 2000 KW/KVA/HP

### Technical Data Sheet

#### Fuel Flow Sensor :

- Flow sensor type : oval gear flow sensor
- Flow sensor material: : Aluminum anodize
- Accuracy (standard installation position) :  $\pm 1\%$  RS or 0.1% fsd
- Power : 5 -24 vdc

#### Fuel Calculator :

- Display : in flow , out flow and use fuel in liter with time
- Out put : optional : RS-485/232 if require

#### Option:

- 1) Fuel consumption meter available with digital output for connect to GPRS or GPS system
- 2) Available with GPS and GPRS system to monitoring vehicle fuel data via computer



## Diesel Generator Fuel Consumption System

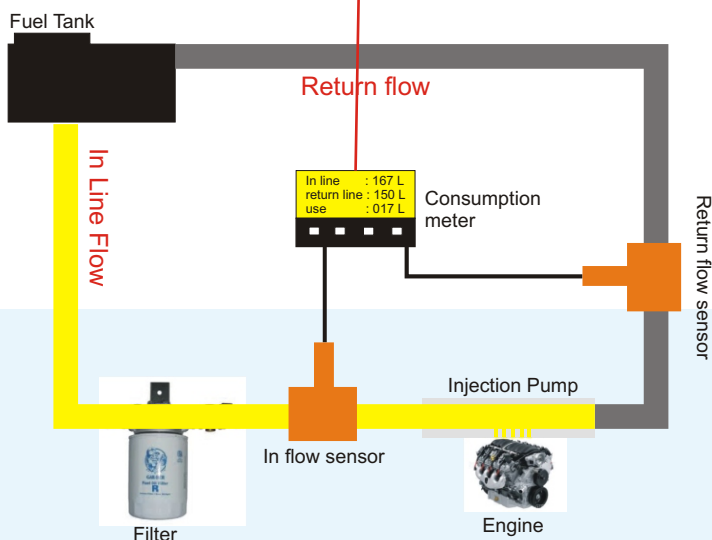


### Installation Process

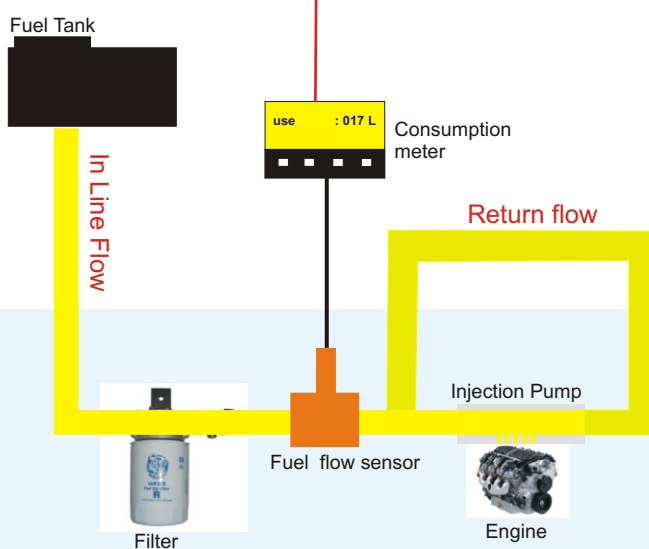
GPRS data transfer to computer

Serial data transfer to computer

Direct indication via optional display



Two fuel sensor system



One fuel sensor system