



# Vehicle Tracking System

# PROCAM FUEL MONITORING SYSTEM

ULTIMATE TRACKING SOLUTION

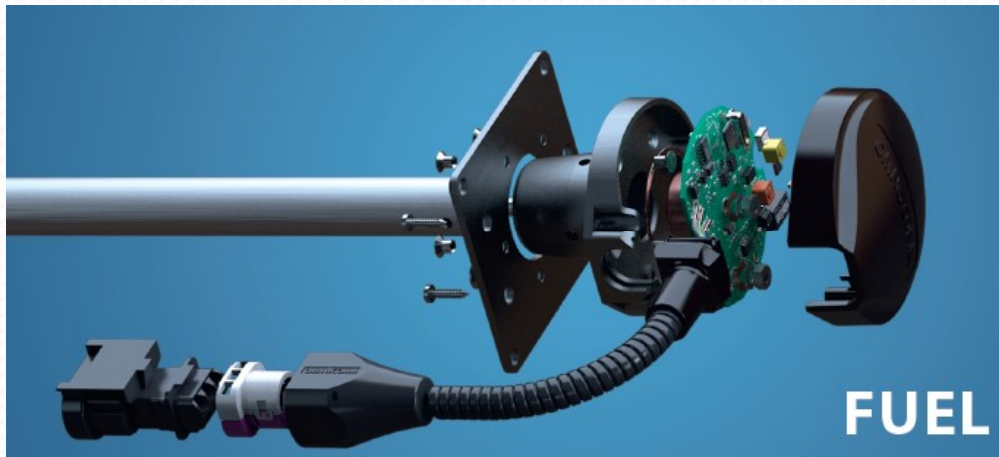
## EARN MORE WITH YOUR FLEET!

Fuel is the largest single chunk of the operational costs of any transportation company. Sometimes even as high as 50% of the total! Efficient fuel management is crucial for securing a solid advantage over the competitors.

Employing a fuel monitoring system will unlock a whole range of quality-control opportunities for your business that translate directly into increased efficiency and higher profit potential

# PROCAM FUEL MONITORING SYSTEM

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**Fuel and Power Saving**

**Effective Fleet Control**

**Instantaneous Fuel Level Monitoring**

**Decreasing the Accident Risk**

**Driver and Load Security**

**Evaluation of Drivers Performance**

**Prevent smuggling**

# ENABLES

ULTIMATE TRACKING SOLUTION

## TRACK

- Mileage
- Fuel consumption
- Fuel refills and drains
- Driving behavior

## CONTROL

- Your fleet in real time
- Operations and runtimes of complementary equipment and devices for special machinery

## DETECT

- Operational events and violations automatically informing affected parties
- Incidents of fuel theft, including any scheming with receipts, reports, documents surcharged mileage and/or drainage

## MANAGE

- Exact fuel consumption of all vehicles and stationary objects
- Effective work output time, downtime, schedule violation and irrational assets use
- Strategic and cost implications for your fleet



# MODEL – LLS 30160

ULTIMATE TRACKING SOLUTION



## LLS 30160

*Length of probe – 700-3000 mm*

Digital fuel level sensor model LLS 30160 is dedicated to connection the GPS/GSM tracker or remote terminal unit (RTU) via serial input RS 232/EIA485.

*The probe can be trimmed (cut in the field) according the exact depth (height) of the fuel tank.*

Level data output	serial RS232/EIA-485
Digital scale	0-4095 points
Mode of operation	continuous
Baud rate, bit/sec	2400-115200
Power supply, VDC	7-75
Data lines	galvanically insulated
Power lines	galvanically insulated
Reverse polarity	protected
Rated power, W max	0.4
Resolution, mm	±1.0
Main inaccuracy, %	±1.0
Internal data filtration, points length	0-120
Ingress protection rating	IP57
Operation temperature, °C	-40..+80
Pigtail length, m	0.7
Connector	sealed FCI type 6 ways

### Application:

- Road vehicles
- Buses
- Heavy equipment
- Diesel generators
- Construction machines

# MODEL – LLS-AF 20310

ULTIMATE TRACKING SOLUTION



## LLS-AF 20310

*Length of probe – 700-1500 mm*

Digital fuel level sensor model LLS-AF 20310 is designed for fast and simple connection to the GPS/GSM tracker or remote terminal unit (RTU) with analog voltage input.

*The probe can be trimmed (cut in the field) according the exact depth(height) of the fuel tank.*

Level data output analog, V	0-20
Mode of operation	continuous
Pulsing of output voltage max,%	0.15
Power supply,VDC	7-45
Data lines	galvanically insulated
Power lines	galvanically insulated
Rated power, W	regular 0.6 max 0.9
Reverse polarity	protected
Resolution, mm	±1.0
Main inaccuracy, %	±1.0
Internal data filtration, points length	0-120
Operation temperature, °C	-40...+80
Pigtail length, m	0.7
Ingress protection rating	IP57
Connector	sealed FCI type 4 ways

### Application:

- Road vehicles
- Buses
- Heavy equipment
- Diesel generators
- Construction machines

# MODEL – LLS 20230

ULTIMATE TRACKING SOLUTION



## LLS 20230

*Length of probe – 1500-6000 mm*

Digital fuel level sensor model LLS 20230 is dedicated to connecting the GPS/GSM tracker or remote terminal unit (RTU) via serial input RS 232/EIA485.

*The probe can be trimmed (cut in the field) according the exact depth (height) of the fuel tank.*

Level data output	serial RS232/EIA-485
Power supply, VDC (from BIS 20240)	8.5-10.5
Digital scale	0-4095 points
Data lines	gallvanicaly insulated
Power lines	gallvanicaly insulated
Rated power, W	max 0.4
Reverse polarity	protected
Baud rate,bit/sec	1200-115200
Mode of operation	continuous
Resolution, mm	±1.0
Main inaccuracy, %	±1.0
Discrimination	0-1023-4095 points
Internal data filtration, points length	0-120
Operation temperature, °C	40..+80
Ingress protection rating	IP57
Pigtail length, m	0.7
Connector	sealed FCI type 6 ways



### Note!

Supplied in a set with BIS 20240 intrinsically safe barrier (power supply) and a set of connection cables with FCI type connectors.

### Application:

- Storage fuel tanks (above ground and under ground)
- Mobile fuel tanks (refueller tanker-trucks)

# MANUFACTURER LINKS

ULTIMATE TRACKING SOLUTION

<http://www.omnicomm-world.com/upload/iblock/fba/Omnicomm%20fuel%20level%20sensor.mp4>

<http://www.omnicomm-world.com/upload/iblock/e92/Fuel%20control%20technologies%20-%20guide%20by%20Omnicomm.mp4>





# Thank You!