

FUEL LEVEL SENSOR

The wireless fuel level sensor, operating with a built-in battery, utilizes Bluetooth Low Energy for cable-free data transmission, features long range for easy installation, and delivers highly accurate fuel readings. This sensor is compatible with tracker and gateway devices and is designed to minimize operational costs associated with fleet fuel consumption and monitoring.



DEVICE FEATURES:

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|---|--|---|--|
|  | Sensor with long range wireless communication |  | Built-in battery with long life and rechargeable for continued usage |
|  | Storage of the tank calibration table in sensor |  | Modular design and mount with easy sealing |
|  | Projecting parts of the electrodes can be cut off if necessary |  | Compact size and small dimensions |
|  | Dominator electrodes can be ordered separately or replaced |  | Compatibility with Dolphin Connect Gateway |

TECHNICAL SPECIFICATIONS

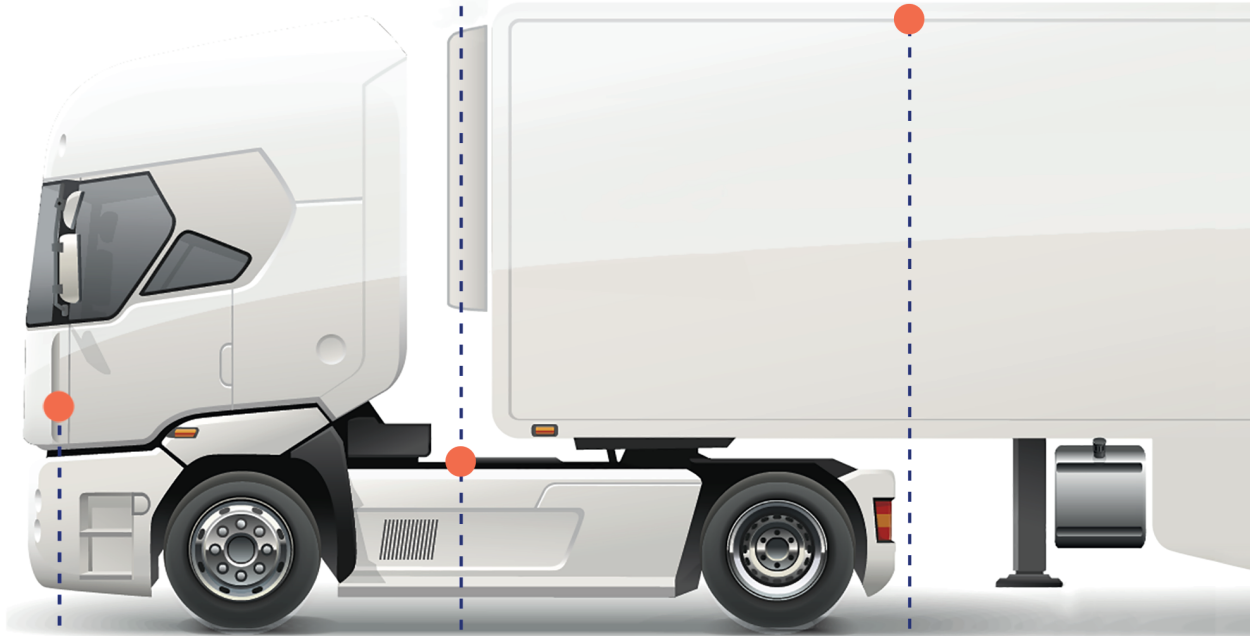
Parameter	Features
Relative Measurement Error	± 1%
Operating Time with Internal Battery	UP to 7 years
Bluetooth Version	4.2 BLE
Ambient Operating Temperature	-40 – +85°C
Transmission Power	+8dBm
Transmitter Mode	Customizable
Ingress Protection Rating	IP 67
Data Transmission Range	Up to 200m (In Direct Sight)
Data Transfer Period	Configured



Vehicle Management Platform:
Users can monitor reliable fuel level information received from the tracker device.



Fuel Level Sensor:
measures the level of fuel in the vehicle's tank, monitors fuel consumption, and prevents fuel theft.



GPS Tracking Device:
It calculates fuel level consumption and transfers the information to the server.

