FUEL-01 Specification

The FUEL-01 equipped with:

- Support LoRa data interaction
- High precision
- Reliable structure, easy installation

The ultrasonic oil level sensor is a fuel consumption monitoring device specially designed for large vehicles. It can be used for remote fuel consumption monitoring, preventing oil theft, optimizing improper driving behaviors, and helping to reduce operating costs, etc..



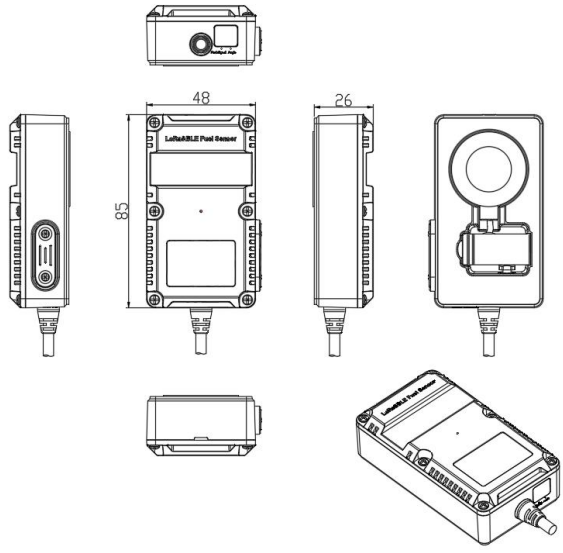
Technical

Application	•	Fuel counting –Installation without drilling holes
Sensor	•	Ultrasonic Sensor
Colours	•	Full Black colour
Resolution	•	Ultrasonic probe + LORA communication terminal
System	•	RTOS
Prefix	•	FUEL

Features

Ultrasonic oil sensing	•	Read every 3 seconds
Waterproof	•	IP67
Data Upload	•	Upload every 30 seconds
Operating Power	•	DC 9-36V

Appearance



Power Consumption

Working Consumption	•	**38mA@12V**
Sleep Consumption	•	3mA@12V

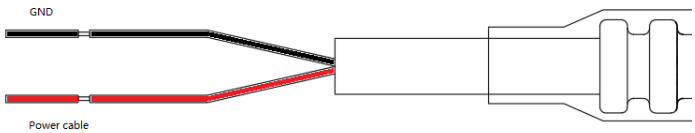
Physical

Product Dimensions	•	85mm(L)x53mm(W)x24mm(H)
Weight	•	About 200g
Connector	•	Power Cord
Working Temperature	•	-25°C to 35°C
Storage Temperature	•	-25°C to 80°C
Humidity	•	< 65%
Material	•	PC+ABS

Regulatory Compliance

Certification	•	CE, FCC
Product Name	•	FUEL-01

Connector



FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.? Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/ TV technician for help.

Radiation Exposure StatementThis equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.