



BLE-BASE-USB  
ПАСПОРТ

**Wireless capacitive fuel  
level sensor configuration  
base BLE-BASE-USB  
DATASHEET**  
DATASHEET

REG 2019-03-14



## **1. PRODUCT OVERVIEW**

1.1. Configuration base of wireless capacitive fuel level sensor BLE-BASE-USB provides configuration of fuel sensor TD BLE and connects to PC via USB interface.

1.2. The sensor measures necessary parameters (fuel level, temperature, battery voltage) and upon request from the base, transmits the parameters by Escort BLE protocol via Bluetooth Low Energy communication channel (hereinafter BLE). Database update period no more than 5 seconds.

**1.3. DO NOT DISASSEMBLE Sensor BASE!**

**1.4. Do not exceed the performance characteristics specified in the passport!**

**1.5. PREVENT MECHANICAL DAMAGE OF THE COMPONENTS DURING TRANSPORTATION AND OPERATION.**

## 2. TECHNICAL CHARACTERISTICS

	Parameter	Value / units
2.1	Supply voltage	5 V
2.2	Current, no more	30 mA
2.3	Digital Mode: - PC Interface - the communication protocol - baudrate - Interface with the sensor - the communication protocol	USB LLS 19200 bps Bluetooth LE (BLE) Escort BLE
2.4	Range (under normal operating conditions and in the absence of interference with obstacles), not less	10 meters
2.5	Period for communication with the sensor, no more	5 seconds
2.6	The sensitivity of the receiver / transmitter power	-96 dBm / 0 dBm
2.7	Operating conditions: - temperature, °C - ambient temperature, °C - Atmosphere pressure, kPa - ambient atmosphere pressure, kPa	-40...+50 -60...+85 84 ... 106.7 57 ... 110
2.8	Dimensions, no more	56 x 23 x 10 mm
2.9	Weight, no more	0.1 kg

### 3. SCOPE OF DELIVERY

NAME	QUANTITY	SER. number	NOTES
Configuration base of wireless capacitive fuel level sensor BLE-BASE-USB	1		
Passport	1		
Packaging	1		

### 4. PRECAUTIONS

4.1. The installation, operation and maintenance of the sensor comply with the general safety rules for working with electrical appliances.

### 5. RESOURCES, DURABILITY OF OPERATION AND STORAGE, WARRANTY

5.1. Warranty period - 3 years from the date of shipment from the company - the manufacturer.

5.2. Life time- 5 years.

5.3. The manufacturer guarantees the sensor specifications if used in compliance with the prescribed operating, transport and storage conditions.

5.4. If damage is found request the manufacturer.

5.5. The product with defects caused by the fault of the consumer as a result of violation of conditions of operation, storage or transportation is not covered by warranty.

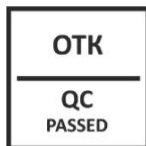
5.6. The manufacturer reserves the right to make changes in design and complete set product without prior notice to the customer.

## 6. ACCEPTANCE REPORT

The base BLE-BASE-USB is made in accordance with the current technical documentation and is fit for use.

## 7. CERTIFICATE OF PACKING

The base BLE-BASE-USB is packaged in accordance with the current technical documentation.



## **8. TRANSPORTATION AND STORAGE**

8.1. The product is transported in the original packaging in closed vehicles. Stored in dry conditions with a humidity of not more than 75% at a temperature from -20 to + 30 °C. Presence of conductive dust, corrosive substances and their pairs causing corrosive de-struction of parts and electrical insulation of sensor.

## **9. DISPOSAL**

9.1. Disposal of the product is produced by the operator and carried out according to the rules and regulations applicable in the territory of the Russian Federation.

9.2. This instrument does not include environmentally harmful elements.

9.3. The device does not contain precious metals in an amount to be counted.



**Identification sticker**

**Идентификационный стикер**



