

# WIRELESS CAPACITIVE FUEL LEVEL SENSOR

This high-precision fuel level sensor is designed for defining of clear oil-based fluids (petrol, diesel, bio-diesel, kerosene etc.) in fuel tanks and storage capacities.



## SPECIFICATIONS

PARAMETER	VALUE / UNITS
The measurement error in the workspace, no more	1%
Modes of operation	Digital
Digital Mode: - interface - the communication protocol	Bluetooth LE (BLE) Escort BLE
Range of action (under normal operating conditions in the absence of interference and obstacles when working with the base)	10 meters
The period of data exchange with the base	10 seconds
The sensitivity of the receiver / transmitter power	-90 dBm / 4 dBm
The degree of protection according to GOST 14254	IP67
Protection against electrocution according to GOST 12.2.007.0	class III
Operating conditions: - temperature, - ambient temperature - Atmosphere pressure,	-40 ... + 50 °C -60 ... + 85 °C 84 ... 106.7 kPa
Dimensions, no more	80x80x(L + 21)mm, where L - sensor length in mm
Conditional sensor length	indicated on the label (pasted in the passport)
Weight, no more kg	0,35+0,4xL, where L-sensor length in meters

**Table 2.1. Specifications of wireless capacitive fuel level sensor**