

Capacitance Level Sensor Series YW02

Product features

- Built-in Bluetooth communication module, wireless data transmission.
- Can be arbitrarily cut according to the size of the fuel tank.
- Parameters can be configured through mobile applications.
- Built-in high-capacity battery, battery power for 5 years.
- Shock-proof outer shell protection.
- Can use mobile phones to configure and debug.
- Explosion-proof.
- SAE standard 5-hole screw locking installation, easy and fast.
- Can be adapted to GPS tracking system to monitor and record fuel consumption in real time.



Applications

- trucks, logistics vehicles, fire trucks, dangerous, products vehicles, mining vehicles, etc.

Specifications

Type	YW02
Range	0mm~1500mm
Output	0-5V/4-20mA/Bluetooth communication BLE5.0
Medium	Gasoline/diesel/lubricating oil/cooling oil
Power supply	3.6V/12V DC
Accuracy	±1%FS
Working temp	-40℃~+80℃
Response time	1-1800s can be set
Battery capacity	4000mA(Last 3 years)
Structure	Column type
Material	Aluminium alloy
Flange size	Outer diameter 70mm - inner diameter 20mm
Installation	Top-mounted
Wireless distance	50m(without interference and obstacles)
Receive/transmit sensitivity	-96/4dBm

Model Code Selection Table

Part	Number
Selection Type	YW02-01(Standard) YW02-02(Blue tooth)
Signal Output	S1: 0.5-4.5V S2: 0-5V S3: 4-20mA S4: RS485 S5: RS232 S6: Bluetooth
Power	P1: 5V DC P2: 9-36V DC P3: Battery
Level Range	L1: 0~100mm L2: 0~200mm L3: 0~300mm L4: 0~400mm L5: 0~500mm L6: 0~600mm LX: By Customized
Applications	W: Water F: Diesel G: Gasoline K: Kerosene X: Other liquid
Cable length	00: Non-Cable 01: Cable 1m 02: Cable 2m X: By customized