Gasboard7500B
Ultrasonic Oxygen Sensor

Introduction

Ultrasonic oxygen sensor Gasboard7500B can detect oxygen concentration in binary gases with ultrasonic technology adopting. It has function including data display, status alarming and can be widely used for home and medical PSA oxygen concentrator, medical ventilator, vaporizer, etc.

OEM/ ODM SERVICE CAN BE CUSTOMIZED

Features

- Cutting-edge ultrasonic technology adopted
- High accuracy, high stable, low cost, small size
- Full scale temperature compensation,
- Factory calibration, no need to re-calibrate it
- Long lifespan (>5years)
- Compact structure, easy for installation

Applications

- Portable PSA oxygen concentrator
- Industrial oxygen generator
- Medical ventilator
- Respiratory devices

Specifications

Measurement range	0~100%
Resolution	0.1%
Concentration accuracy	±1.8%FS @(10-45)℃
Response time	30s
Working temperature	10℃~50℃
Storage temperature	-20℃~60℃
Working humidity	5~85%RH(non-condensing)
Power supply	DC 5V~12V
Signal output	UART_TTL; Analog output: 0~2.5V
Dimension	W70*H28*D13.6(mm)
Weight	19.8g(LED excluded)
Sample gas	No water vapor(no condensing), no dust(<1μm)