

O2 Gas Detector

General information about ADGD-60160 Online Fixed O2 Gas Detector

Application:

Furniture, flooring, wallpaper, paint, gardening, interior decoration and renovation, dyes, paper, pharmaceutical, medical, food, corrosion Disinfection, chemical fertilizers, resins, adhesives and pesticides, raw materials, samples, process and breeding plants, waste treatment plants, perm places Biopharmaceutical production workshops, home environment, livestock breeding, greenhouse cultivation, storage and logistics, brewing fermentation, agricultural production

Function:

- ✓ Monitoring of the environment or the concentration of O2 gas pipeline and alarm
- ✓ With temperature compensation, the compensation can achieve the perfect environment for different temperatures of gas concentration
- ✓ Two sound and light alarm, alarm point can be set
- ✓ Infrared remote control can be remotely achieved without opening the alarm set point, zero calibration, modify the address and other functions
- ✓ One or two switches can output signals can be driven fan or external devices such as solenoid valves
- ✓ Operating voltage :12-36V DC power supply
- ✓ Shell material: Aluminum + Stainless Steel (alarm lights)



Feature:

- Imported from Germany sensor
- Standard three-wire 4-20mA signal output; relay output, RS485 output
- The unique infrared remote control, operation and maintenance can be a non-contact
- Compatible with various control alarms, PLC, DCS, remote monitoring,
- Proof design, fast, reliable, stable; proof grade Ex dII CT6
- Full software automatic calibration, zero calibration function, the gas monitoring is more accurate, more reliable
- Software is available maximum connect with 128 probes

Technical specification of the device:

- Gas Detected: Oxygen (O₂)
- Detection principle: Electrochemical principles
- Sampling Method: Wall-mounted, pipeline, flow type
- Measure Range: 0-30%VOL, 0-100%VOL
- Resolution: 0.01% VOL
- Precision: 2% FS
- Signal Output: 4-20mA signal output; relay output, RS485 output (optional)
- Response Time: ≤ 10S
- Repeatability: ≤ ± 1%
- Zero shift: ≤ ± 1% (F.S / Year)
- Operating language: Support in English
- Temperature: -40 °C ~ 70 °C
- Explosion-Proof: Ex d II CT6
- Alarm mode: Sound, light
- Dimensions: 180×150×90mm
- Recovery Time: ≤ 10S
- Linearity error: ≤ ± 1%
- Display: LED
- Gas unit: PPM
- Humidity: 0-95% RH
- Degree of protection: IP65
- Weight(net/gross): 1.6KG

