

# CO Gas Detector

## General information about ADGD-6018CO Online Fixed CO Gas Detector

### Application:

1-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

2-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 hydrogen sulfide 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 hydrogen sulfide 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: Carbon Monoxide (CO)
- Detection principle: Electrochemical principles
- Sampling Method: Wall-mounted, pipeline, flow type
- Measure Range: 0-100ppm, 0-500ppm, 0-1000ppm, 0-2000ppm, 0-4000ppm, 0-5000ppm, 0-10000ppm
- Resolution: 0.01ppm, 0.1ppm, 1ppm
- Precision: 2% FS
- Signal Output: 4-20mA signal output; relay output, RS485 output (optional)
- Response Time:  $\leq 10S$
- Repeatability:  $\leq \pm 1\%$
- Zero shift:  $\leq \pm 1\%$  (F.S / Year)
- Operating language: Support in English
- Temperature:  $-40\text{ }^{\circ}\text{C} \sim 70\text{ }^{\circ}\text{C}$
- Explosion-Proof: Ex d II CT6
- Alarm mode: Sound, light
- Dimensions: 180×150×90mm
- Recovery Time:  $\leq 10S$
- Linearity error:  $\leq \pm 1\%$
- Display: LED
- Gas unit: PPM
- Humidity: 0-95% RH
- Degree of protection: IP65
- Weight(net/gross): 1.6KG

