

Hydrogen Sulfide Gas Detector

General information about ADGD-6017HS Online Hydrogen Sulfide 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: Hydrogen Sulfide (H₂S)
- ✓ Detection principle: Electrochemical principles
- ✓ Sampling Method: Wall-mounted, pipeline, flow type
- ✓ Measure Range: 0-50ppm, 0-100ppm, 0-500ppm, 0-1000ppm, 0-2000ppm, 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: ≤ 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

