

TVOC Gas Detector

General information about ADGD-6014T Online TVOC 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 TVOC 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 (optional)
- ✓ 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 PID sensor

Standard three-wire 4-20mA signal output; relay output, RS485 output (optional)

The unique infrared remote control, operation and maintenance can be a non-contact

Compatible with various control alarms, PLC, DCS, remote monitoring, (optional)

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 (optional)

Technical Specification of the device:

- Gas Detected:TVOC
- Detection principle:PID
- 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: $\leq 10S$
- Repeatability: $\leq \pm 1\%$
- Zero shift: $\leq \pm 1\%$ (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: $\leq 10S$
- Linearity error: $\leq \pm 1\%$
- Display:LED
- Gas unit:PPM
- Humidity:0-95% RH
- Degree of protection:IP65
- Weight(net/gross):1.6KG

