

## Gas detector AT0501AH

The gas detector can work with any panel that can accept the switch signal, For example, the input module and Non-addressable control pane.

Imported sensors, high accuracy, good stability, anti-toxic, anti-interference ability .

Automatic identification and protection and over-concentration sensor

A sensor , short circuit, open circuit failure detection function automatically .

Sensor Modular design for easy calibration and replacement.

Single-chip digital acquisition and processing technology, automatic correction of sensor aging curve , ensuring a constant sensitivity .

Use explosion-proof explosion-proof design, suitable for Class II atmosphere.

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| Monitoring Support            | Natural gas, liquefied petroleum gas, coal gas , alkanes, alkynes , alkenes and other flammable gases Alcohols, ketones , benzene , gasoline and other flammable vapors of organic( VOC), H <sub>2</sub> (ppm) |
| Sensor Type                   | Catalytic /Electro-chemical / Infrared combustion  |
| Sampling methods              | Diffusion sampling   |
| Measurement Accuracy          | ±5%F.S   |
| Operating Voltage             | DC14V-35V  |
| Power consumption             | ≤1.5W(DC24V)   |
| Signal transmission           | Passive switch signal  |
| Alarm output                  | Passive normally open signal,Contact capacity1A/DC24V  |
| Fault output                  | Passive normally closed signal,Contact capacity1A/DC24V  |
| Environment                   | Temperature:-40-70<br>Humidity:10%-93%RH(No condensation)<br>Pressure:86kPa-106kPa   |
| Protection class              | IP65   |
| Ex Mark                       | ExdIICT6   |
| Body Material                 | Aluminum   |
| Size                          | 70mm×110mm×155mm   |
| Weight                        | 0.9kg  |
| Installation                  | Wall- style , top style , wearing tube   |
| Outlet hole connecting thread | G $\frac{1}{2}$ ;Thread  |

