YT-98H-F2 ONLINE GAS DETECTOR

Product Model: YT-98H-F2

YT-98H-F2 series is a fixed gas detector with built-in pump. It can detect 1-6 kinds of gases simultaneously and continuously. With IECEx, ATEX certificate (on-going) and non-contact magnetic wand design, it can be installed and operated in hazardous areas. It supports 3-wire 4-20-mA, HART, RS485 Modbus relay output, making it compatible with most control systems. With optional wireless data transmission so user can view real time data on laptop, mobile phone remotely.

High accuracy & Reliable

Specialized in gas detection for 15 years, using world first brand sensors, high precision, the detection result is approved by the third testing organization.

With internal suction pump, fast response

Up to 6 kinds of gases can be detected at the same time. In complex and multi-gas environments, multiple installations can be reduced, saving time and effort.

2.4-inch industrial-grade high-definition color screen

With a resolution of 320*240 and a wide viewing angle of 120 degrees

With wireless module

Data can be uploaded to the cloud platform, environmental protection bureau or other platforms, providing SMS reminder function, the transmission signal is not limited by distance, and can be viewed in real time on mobile phones and computers. (optional)

With full software

Automatic verification function and zero calibration function, making gas monitoring more accurate and more reliable

Signals transmission

Standard 4-20mA current signal, RS485 modbus signal, 1 set of relay signal output

High quality case

Die-cast aluminum case, strong and durable; Stainless steel case is available for choose, meeting the demand of different situations.

IP66 protection degree, water-proof, dust-proof, explosion-proof
With sound and light alarm function

There is sound and light alarm when reaching the alarm point.(optional)

**Industry
Application:** Petrochemical & Chemical Industry, Municipal Engineering & Utilities, Agricultural & Environmental Protection, Electronic, Food & Pharmaceutical Industry , Other Industries

Specification

Detected Gas	F2/Fluorine
Measure Range	0-1ppm, 0-10ppm (measure range can be customized)
Install Method	Wall-mounted, piping type, flow-type
Output signal	4-20mA, 1-5V, 2-10V, RS485, RS232, relays (optional)
Precision	≤±3%F.S. (higher precision is available)
Zero shift	≤±1%（F.S./year）

Display	2.4-inch color display, resolution 320*240
Connection mode	G1/2 external thread explosion-proof flexible pipe
Thread Size	M45*2mm
Temperature	–10℃～55℃
Humidity	0-95%RH (non-condensing)
Explosion-Proof	Ex db IIC Gb
Degree of protection	IP66
Material	Case: Die-cast aluminum Sensor housing: aluminum alloy or 316 stainless steel
Power	12-36V DC
Dimensions	286*202*96mm (H x W x D)
Weight	3.4kg (3.8kg with alarm light)
Approval	CE, CNEX explosion proof certificate, IECEX, ATEX
Warranty	12 months