Fixed Gas Detector

CO	0	ppm
H2S	0.00	ppm
O2	20.93	%VOL
EX	0	%LEL
CO2	450	ppm
VOC	0.00	ppm

P AL AH F

YT-98H-D/YT-98H-D-A

Fixed Gas Detector

Product overview

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

YT-98H-D-A with display and alarm light

YT-98H-D with display

Product Advantage

- 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

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

- Standard infrared remote control, which can remotely control the detector and modify the detector settings

- With sound and light alarm function, there is sound and light alarm when reaching the alarm point.(optional)

Technical parameters

Gas Detected:	O2, N2, CO2, EX, hazardous gas, voc, etc
Detection Principle:	Electrochemical, infrared ray, catalytic combustion, PID photo ionization, etc
Measure range:	Specified according to application
Resolution:	Specified according to application
Accuracy:	≤ ±2-5%FS (depending on the specific sensor)
Response time(T90):	15-30s(depending on the specific sensor)
Repeatability:	≤ ±1%
Zero shift:	≤ ±1%（F.S./year）
Display:	2.4-inch color display, resolution 320*240
Display content:	gas molecular formula, concentration, unit, pump status, etc
Alarm(Optional):	buzzer, alarm status prompt on the display screen, high and low alarm values can be set by customer
Language:	Chinese and English
Communication and data download:	With PC software, history data can be downloaded, stored, printed, and analyzed in computer (optional)
Temperature:	-20℃～55℃
Humidity:	0-95%RH(no condensation)
Material Case:	Die-cast aluminum, Sensor housing: aluminum alloy or 316 stainless steel
Power:	12-24V DC
Dimensions:	286*202*96mm (H x W x D)
Weight:	3.4kg (3.8kg with alarm light)
Explosion-proof grade:	IECEX：Ex db IIC T6 Gb ATEX：Ex db IIC T6 Gb