

Fixed Gas Detector



YT-95H-WH

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Product overview

YT-95H-WH series is a cost effective explosion proof transmitter for the detection of flammable gases and toxic gases. A 3 wire 4 to 20 mA analog output with relays and RS485 Modbus protocol, makes it compatible with most control systems. Third party products such as horns, warning lights and fans are compatible with our components and integrated by us into the system. With optional wireless function, operator can view data on laptop, mobile phone or cloud system remotely.



with display and alarm light

with display

Product Advantage

- **Online monitoring with sound/light alarm(Optional)**

24h continuously monitoring, data will real-time display
High/low alarm with sound and light, sound >90dB, alarm point is settable

- **Non-contacted control the device**

With infrared ray controller, which can remote control alarm point settings, zero calibration, and address modification

- **Variety of installation methods**

4-20mA current signal output, compatible with different kinds of controllers. RS485 MODBUS signal output. Relay signal output, to turn on/off ventilator, generators or other external devices

- **Data transmission**

Can be installed with PC software, to transmit the data to computer, workers can remote monitor the data
Wireless data transmission including Lora, 4G (Optional)

- **High quality case**

Die-cast aluminum case, strong and durable; Stainless steel case is optional, meeting the demand of different situations
IP65 protection degree, water-proof, dust-proof, explosion-proof

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:	4 digits Nixie tube display
Connection mode:	G1/2 external thread explosion-proof flexible pipe
Thread Size:	M45*2mm
Temperature:	- 20℃ ~ 50℃
Humidity:	0-95%RH(no condensation)
Material Case:	Die-cast aluminum, Sensor housing: aluminum alloy or 316 stainless steel
Power:	12-36V DC
Dimensions:	180 × 150 × 90mm
Weight:	≤ 1.6kg
Explosion-proof grade:	Ex d IIC T6 Gb