

Fixed Gas detector



YT-95H-X

Fixed Gas Detector

Product overview

YT-95H-X series is a cost effective gas transmitter to detect oxygen, flammable gases and toxic gases. It integrates 3 wire 4-20 mA, RS485 and relay output. It is able to compatible with different control systems. The relay output supports control external devices such as horns, alarm lights, fans etc. With optional wireless data transmission so user can view real time data on laptop, mobile phone remotely.



YT-95H-X-A with display and alarm light

YT-95H-X 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.

- **Convenient remote control**

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

- **Diversified output signals**

It integrate 3 wire 4-20 mA analog, RS485 Modbus and relay out. To be compatible with different control systems.

- **Relay control**

The relay output supports control external devices such as horns, alarm lights, fans etc.

- **Data transmission to PC**

Through PC software can remote monitor the data. Wireless data transmission including Lora, 4G (Optional)

- **Durable housing**

Die-cast aluminum housing, strong and durable; IP65 protection degree, water-proof, dust-proof, explosion-proof

Technical parameters

Gas Detected:	VOC, LEL, O2, Toxic gas, other gas can be specified
Detection Principle:	PID, Catalytic, IR, Electrochemical
Measure range:	To be specified
Resolution:	To be specified
Accuracy:	$\leq \pm 2\%FS$ (Specified according to different sensor)
Response time(T90):	20s(Specified according to different sensor)
Repeatability:	$\leq \pm 1\%$
Zero shift:	$\leq \pm 1\%$ (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(nocondensation)
Material Case:	Die-cast aluminum, Sensor housing: aluminum alloy or 316 stainless steel
Power:	12-36V DC
Dimensions:	180 × 150 × 90mm
Weight:	$\leq 1.6kg$
Explosionproof grade:	Ex d IIC T6 Gb