

# Display gas detection transmitter

Digital tube and liquid crystal display gas detection transmitter, it is a kind of concentration of instrument that can continuous detect the concentration of oxygen, toxic and harmful gas in the working environment. The detector detects gas concentration with natural diffusion mode, which uses the imported sensors and has a good sensitivity and repeatability.

This instrument uses the embedded micro-controller control technology, simple menu operation, complete functions and high reliability. Our product uses process control, adjustable parameter, adjustable alarm point and adjustable alarm mode, convenient for users.

It can be used alone as an alarm system with functions like: acquisition, display and alarm. Or it can be used as the other parts of the alarm system testing, with digital and analog signal output function. With a relay output module, our product can relay switch output signal and meet the explosion-proof lights or other external devices. Digital tube display with red high brightness and more intuitive scene show make it convenient to users to determine gas leak and effectively prevent the happening of the accident.



## Basic parameters

Size : 144 mm \* 190 mm \* 91 mm

Weight : about 1355 g

Sensor types : electrochemistry method  
(Combustible gas catalytic combustion type, special separately)

Destination gas : oxygen (O<sub>2</sub>), gas (EX),  
poisonous and harmful gases (CO, H<sub>2</sub>S, NH<sub>3</sub>, CL<sub>2</sub>, etc.)

Response time : ≤30s(O<sub>2</sub>) ; ≤40s(CO) ; ≤20s(EX) ;

Working pattern : continuous work

Working voltage : Dc24

Voutput signal : 4-20 mA;485 digital signal

Output : three-wire system (LCD poison gas is a two wire)

Control signal : Switch output, the maximum  
load 250 V AC 3A(optional)

Repeatability : <2%

Span drift : <5%

Error : value for relative error less than 5%

Temperature range : - 20 °C ~ 50 °C

Humidity : 15% ~ 90% RH (No condensation)

Connection mode : according to the instruction

Transmission cables : Three-wire system adopts three core  
shielded cable 3 x 1.5 mm<sup>2</sup> (digital tube transmitter), Two wire  
adopts two core shielded cable 2 x 1.5 mm<sup>2</sup> (LCD transmitter)

Transmission distance : <1000 m

