

Portable gas detector

Model ES-G332



Main features

- Customize gas functions according to needs.
- A variety of switch units, including ppm, mg / m³, Vol%, LEL%, ppb
- Human-machine interface, full-color interface
- Support query, record and display gas data in real time
- Optional data storage function, supports up to 100,000 data storage
- Support export data to a computer through Excel, and print, edit etc.

Compliance

The electromagnetic compatibility in accordance with the following applicable directives:

EMC 2014/30/EU

Electromagnetic Compatibility

EMC 2014/35/EU

Electromagnetic Compatibility

Introduction

ES-G332 portable gas detector uses the latest digital integrated circuit technology and international gas detection technology to design a new intelligent gas detector. SEM332 uses a large-size full-color LCD display to display real-time readings. For the probe, a well-known manufacturer's probe in the industry is used. Based on several years of experience in gas transmitter development, a mature and stable long-life probe solution is used. The detector uses a natural diffusion method to detect the gas.

ES-G332 portable gas detector designed by the digital chip of an international manufacturer can achieve very high sensitivity and excellent repeatability. The shell is made of industrial high-strength composite plastic, which has high strength and good feel, and has functions such as waterproof, dust-proof and.

Application

It is widely used in petrochemical, environmental protection, metallurgy, mining, agriculture, experiment, mapping and other industries.

Dimension

Unit:mm



Specification

GAS	PRINCIPLE	RANGE	RESPONSE TIME	ACCURACY
Carbon dioxide CO ₂	Electrochemical probe	0-5000PPM/10000PPM	≤15s	±3%(F.S)
Oxygen O ₂	Electrochemical probe	0-30%/0-100%	≤15s	±5%(F.S)
Ozone O ₃	Electrochemical probe	0-10ppm/0-100ppm	≤15s	±5%(F.S)
Hydrogen sulfide H ₂ S	Electrochemical probe	0-100ppm/0-1000ppm	≤30s	±3%(F.S)
Methane CH ₄	Catalytic combustion	0-100%LEL	≤5s	±3%(F.S)
Carbon monoxide CO	Electrochemical probe	0-1000PPM/2000PPM	≤15s	±3%(F.S)
Nitrogen dioxide NO ₂	Electrochemical probe	0-20ppm/0-2000ppm	≤30s	±3%(F.S)
SO ₂	Electrochemical probe	0-20ppm/0-2000ppm	≤30s	±3%(F.S)
Hydrogen H ₂	Electrochemical probe	0-1000ppm/0-40000ppm	≤30s	±3%(F.S)
Ammonia NH ₃	Electrochemical probe	0-100ppm/0-1000ppm/ 0-5000ppm	≤60s	±3%(F.S)
Nitric Oxide-NO	Electrochemical probe	0-250ppm/0-2000ppm	≤30s	±3%(F.S)
Butane C ₄ H ₁₀	Electrochemical probe	0-100ppm	≤15s	±3%(F.S)
Phosphine PH ₃	Electrochemical probe	0-20ppm/0-2000ppm	≤30s	±3%(F.S)
VOC	Photoionization detection	0~2000ppm/0~200ppm		±3%(F.S)
Alarm function	sound, light, vibration			
Working environment	temperature -10°C-50°C; humidity <95%RH no condensation			
Charging time	6h-8h			
Voltage	DC3.7V (Lithium battery capacity 3000mAh)			
Standby time	more than 8h continuous			
EX	Ex ib IIB T3 Gb			
Backlight	Automatically turns on when working in low light or when an alarm sounds, or the button is tied down			
Signaling device type	Low and high alarm, multiple gas alarm, touch alarm, low battery alarm, fast tone, automatic shutdown alarm			

Order guide

ES-G332	portable gas detector		
	CODE	Functions	
	XXX..	CO ₂ /NH ₃ /H ₂ /CO/H ₂ S/CH ₄ /NO ₂ /SO ₂ /O ₃ /O ₂ /PH ₃ /CH ₂ O etc(<i>List the functions when order</i>)	
		CODE	Signal output
		-	-
ES-G332	CO ₂ /CO	-	Order example