

Liquid crystal LCD gas sensor

Model ES-G334



Main features

- Import electrochemical sensor, high stability
- Remote infrared remote control technology, parameters can be modified without disassembly
- A variety of gas detection, and the range can be customized.
- High-quality LCD display, the value can be directly checked on site
- Wall-mounted shell, easy to install

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-G334 liquid crystal gas transmitter used to detect the gas concentration parameters in the air environment. When the concentration exceeds the preset alarm value, it will send out sound and light alarm signals to remind users to timely Take safety measures to prevent explosions and poisoning accidents, so as to ensure the safety of life and property.

ES-G334 gas transmitter adopts the big brand electrochemical sensor, which has the characteristics of fast and sensitive response and strong anti-interference ability. After our company's unique compensation algorithm and multi-stage standard gas calibration, it also has long life, high precision, high repeatability and Features of high stability, with large LCD display.

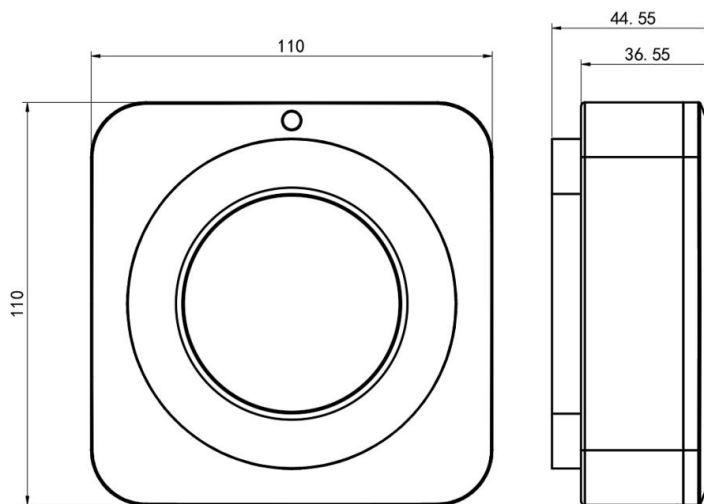
ES-G334 gas transmitter adopts wide voltage 10-30V DC power supply, 485 signal output, standard Modbus-RTU communication protocol, ModBus address can be set, baud rate can be changed, the communication distance is up to 2000 meters.

Application

It is widely used in building automation, warehousing and logistics, shopping malls, hotels, museums, agricultural greenhouses, hospitals, clean workshops etc.

Dimension

Unit:mm



Specification

Power supply	10~30V DC	
Average power consumption	0.6W (24VDC)	
Output signal	485 output (standard Modbus protocol)	
Repeatability	NH3/H2/CO(1000ppm)/H2S/CH4/NO2/SO2/CH2O/O3/PH3:≤2% CO(2000ppm) :≤3% O2:≤1%	
Stability	CO(1000ppm)/H2S/H2/NO2/SO2/NH3/PH3	≤2% signal value/month
	CH4/CH2O/O3	≤7% signal value/year
	CO(2000ppm)/O2	≤5% signal value/year
Working temperature	H2/CO/H2S/CH4/NO2/SO2/O2/NH3/PH3/O3: -20~50°C	
Working humidity	NH3/H2/CO/H2S/NO2/SO2/O3/PH3: 15~90%RH without condensation O2: 5~95%RH non-condensing CH4: 0~95%RH non-condensing	
Working pressure	NH3/H2/CO(1000ppm)/H2S/SO2/O2/PH3	90~110Kpa
	NO2	91~111Kpa
	CH4	80~116Kpa
	CO(2000ppm)	80~120Kpa
Preheat time	NH3/H2/CO/H2S/CH4/NO2/SO2/O3/O2/PH3: ≥5 minutes	

Order guide

ES-G334	Liquid crystal gas transmitter		
	CODE	Parameters	
	O2	O2= 25VOL range; CO =1000 ppm range; NO2= 2000ppm range; H2 =1000ppm range; NH3 =100ppm range;	H2S =100 ppm range; CO = 2000 ppm range; SO2 = 20ppm range; H2 = 4000ppm range; PH3 =20ppm range; CH4=100 LEL range; NO2=20ppm range; SO2 =2000ppm range; NH3 =50ppm range O3 =100ppm range
		CODE	Output
		1	RS485 (Modbus protocol)
ES-G334	O3+CO2+CH4	1	Order example