SI-200E
Fixed Gas Detector

DESCRIPTION

SI-200E is a fixed gas detector designed for installation in areas with potential gas hazards. It measures oxygen, toxic gases, and combustible gases, and displays both gas concentrations and self-diagnostic results via its LED display. SI-200E can be connected to a controller using standard 4–20mA analog output or RS-485 digital communication. Bluetooth connectivity also allows for convenient configuration and input settings.

KEY FEATURE

- Explosive proof structure
- 4-Digit display of concentration
- Long-distance transmission by 4-20mA, RS-485
- Connecting through Bluetooth.

SPECIFICATION

Model	SI-200E		
Dimensions	169(W) x 188.5(D) x 107(H) mm		
Weight	2.4kg		
Operation Power	DC : +24Vdc ±10%		
Power Consumption	3.6W @+24VDC		
Operation Mode Display	FND, Concentration of Gas, Alarm, Malfunction		
Relay	1st Alarm, 2nd Alarm, Fault Alarm (Rated 2.0A @30vdc)		
Analog Output Signal	4-20mA		
Digital Output Signal	RS-485		
Measuring Method	Diffusion		
Operating Temperature	-40°C ~ +60°C		
IP	IP66		
Input and Setting	4 Buttons & RS-485 & Bluetooth		
Device Warranty	2 years		
Sensor Warranty	1 year		
Wireless interface	RS-485 Modbus, HART (Option)		
Certification	ATEX	II 2 GD Ex db IIC T6 Gb and Ex tb IIIC T80°C Db	
	IECEx	Ex db IIC T6 Gb	
	INMETRO	Ex db IIC T6 Gb Ex tb IIIC T80 °C Db Tamb = -40 °C to +60 °C	
	etc.	EMC, RoHs2, RCM(ACMA&RSM), FCC, SIL2, PESO	

DIMENSION (Unit:mm)