SI-200E
Fixed Gas Detector

DESCRIPTION

The SI-200E is a fixed gas detector installed in a place where potential gas hazard exists to measure oxygen, toxic gas and combustible gas. It shows not only the concentration of gas but also diagnostic result of the unit itself through the LED display and can be connected to the controller with a standard 4-20mA analog output communication or RS-485 digital communication. Also, it is available to input and set by connecting through Bluetooth.

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	169mm (W) x 188.5mm (D) x 107mm (H)	
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 Type	Diffusion	
Operating Temperature	–40℃ ~ 60℃	
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 G Ex db IIC T6 Gb
	IECEx	Ex db IIC T6 Gb
	etc.	EMC, RoHs2, RCM(ACMA&RSM), FCC, SIL2