

SI-200E

FIXED GAS DETECTOR

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.

EXPLOSION-PROOF STRUCTURE

It is designed for hazardous environments, ensuring maximum safety in areas where gas leaks may pose significant risks.

ADVANCED COMMUNICATION

Supports both 4-20mA analog output and RS-485 digital communication, making it compatible with various monitoring and control systems. It also offers Bluetooth capability for easy configuration and calibration.



REAL-TIME GAS MONITORING

Equipped with a 4-digit display, the device provides accurate real-time gas concentration data for quick response.



HIGH DURABILITY

With an aluminum explosion-proof enclosure, the SI-200E is highly durable and withstands extreme temperatures.



MULTIPLE ALARM SYSTEMS

The detector has configurable alarms with relay outputs for remote monitoring and safety system integration.



FLEXIBLE INSTALLATION

The SI-200E is easy to install indoors or outdoors, offering multiple wiring and mounting options for industrial settings.

TECHNICAL SPECIFICATIONS

Model	SI-200E
Measuring Type	Diffusion
Dimensions	169(W) x 188.5(D) x 107(H) mm
Weight	2.4kg
Operating Temperature	-40°C to +60°C
Operation Mode Display	FND, Concentration of Gas, Alarm, Malfunction
Operation Power	DC : +24Vdc ±10%
Power Consumption	3.6W @+24Vdc
IP	IP66
Relay	1st Alarm, 2nd Alarm, Fault Alarm (Rated 2.0A @30Vdc)
Analog Output Signal	4-20mA
Digital Output Signal	RS-485
Device Warranty	2 years
Sensor Warranty	1 year
Input and Setting	4 Buttons, RS-485, Bluetooth
Wireless Interface	RS-485 Modbus, HART (Option)

