

SI-200E

Fixed Gas Detector



DESCRIPTION

The SI-200E is a fixed gas detector designed for continuous monitoring of oxygen, toxic, and combustible gases in hazardous industrial environments. It provides accurate and reliable gas detection while ensuring stable long-term operation. It continuously monitors gas concentrations in real time via a built-in LCD and also provides self-diagnostics. The detector supports 4–20mA analog output and RS-485 digital communication and can be easily configured and calibrated via wireless connection when integrated with a monitoring system.

KEY FEATURE

- Explosion-proof enclosure
- 4-digit digital concentration display
- Supports 4-20mA (with HART option) and RS-485 output
- Wireless communication supported



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 & Wireless
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, Ex tb IIIC T80 °C Db
	INMETRO Ex db IIC T6 Gb, Ex tb IIIC T80 °C Db Tamb = -40 °C à +60 °C
	CSA&UL Class I, Zone 1, AEx db IIC T6 Gb Class I, Div 1, Group A, B, C, and D (CANADA Only) Zone 21, AEx tb IIIC T80°C Db IP66 Class II, Div 1, Group E, F, G (CANADA only) Ex db IIC T6 Gb Ex tb IIIC T80°C Db IP66 -40 °C to +60 °C
	PESO Ex db IIC T6 Gb
	Compliance EMC, RoHS2, RCM(ACMA&RSM), FCC, SIL2

DIMENSIONS (Unit:mm)

