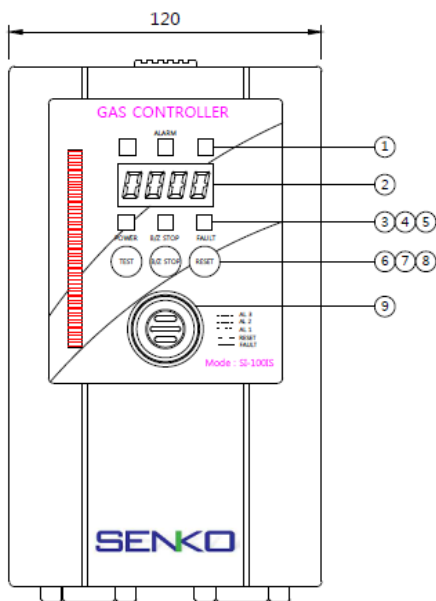
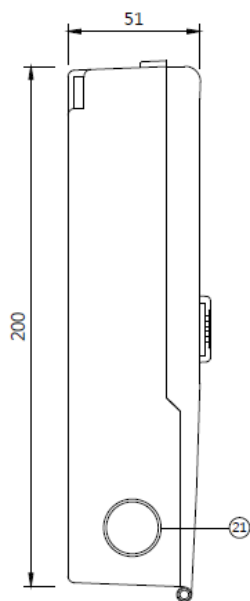
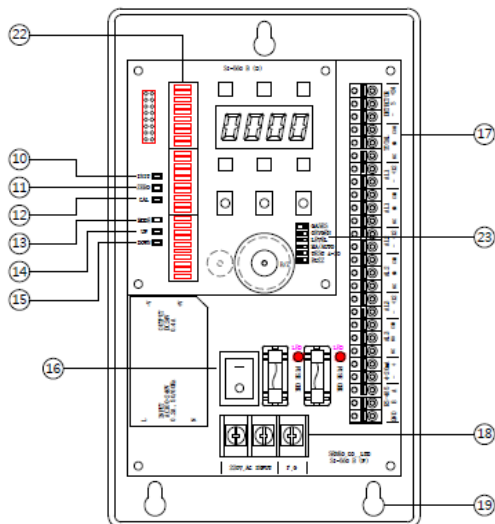


1. MANUAL FUNCTION

PRODUCT SIZE

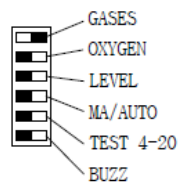


MODEL : SI-100IS

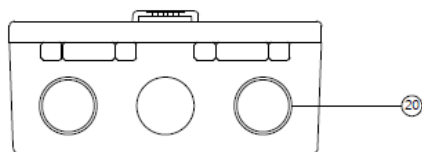


23 DIP S/W

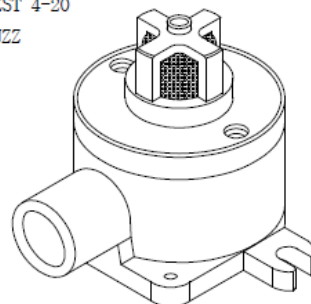
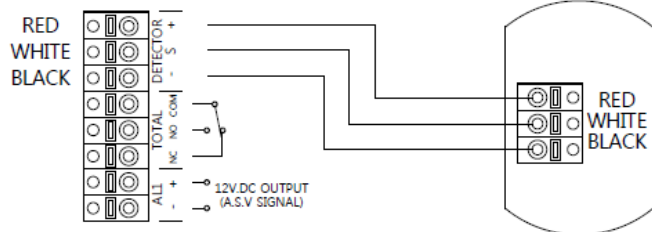
13 MODE - SETTING



AL1 - 1st ALARM
AL2 - 2nd ALARM
AL3 - 3rd ALARM
SPAN
RANGE
DOT



SI-100D CONNECTION



MODEL : SI-100D

N0.	DESCRIPTION
1	GAS LEAK LAMP - YELLOW
2	GAS CONCENTRATION - F.N.D
3	POWER LAMP - GREEN
4	BUZZER STOP S/W - YELLOW
5	FAULT LAMP - RED LED
6	CIRCUIT TEST S/W
7	BUZZER STOP S/W
8	WARNING RETURN S/W
9	BUZZER
10	RESET BUTTON

N0.	DESCRIPTION
11	ZERO POINT ADJUSTMENT BUTTON
12	CALIBRATION BUTTON
13	SETTING BUTTON
14	SETTING UP BUTTON
15	SETTING DOWN BUTTON
16	POWER S/W
17	Signal TERMINAL
18	POWER INPUT TERMINAL
19	Mount Hole (3)
20	Button Cable Hole

N0.	DESCRIPTION
21	SIDE CABLE CONNECTION Hole
22	BAR GRAPH
23	GAS SETTING SWITCH (DIP S/W)
24	
25	
26	
27	
28	
29	
30	

1-1 Description of the Functions

1. Gas Leak Lamp–Yellow

When Alarm occurs, the alarms with yellow will be turned on.

2. Gas Concentration –(4 F.N.D Digital Display)

You can check gas concentration, alarm setpoints, and range on the display.

3. Power Lamp–Green

When turning on the device, the power lamp with green is blinking for 30 seconds with sensor stabilizing and the lamp will be turned off after completing the process.

4. Buzzer Stop Lamp–Yellow

When alarm occurs or test is performed, the yellow light and buzzer will be initiated and you can stop it by pressing the buzzer stop button.

5. Fault Lamp–Red

Fault Lamp with red will be turned on when sensor or cable connection fault occur.

6. Circuit Test S/W

By pressing the circuit test S/W, you can test alarm set points & function and measurement range.

7. Buzzer Stop S/W

When gas alarms and fault alarms are initiated, you can stop it by pushing the buzzer stop S/W.

8. Warning Return S/W

After gas alarms and fault alarms initiated, by pressing the button, you can return the system to the original detecting mode.

9. Buzzer

When gas leaks, buzzer will be initiated in 70dB


10. Reset Button

After turning on the device, press and hold the INIT button for 60 seconds. And you will see the CAL mark and the process will be finished.

(Please use the reset function when changing to new detector or any alarm or concentration related fault occurs continuously.)


11. Zero Point Adjustment Button

When the concentration is fluctuated in 1%~2% constantly, you can stabilize the zero point.

In a display mode, press the zero point button for 2 seconds and press the button again when you see the right image , (*Before using it, please check if any gas leakage occurs.)

12. Calibration Button (Manager Mode)

Performing calibration is processed from a detector. But, you can also perform calibration from the SI-100IS without gas in the situation gas concentration is constantly fluctuated in 1~2% due to a long distance between a gas detector and a controller, temperature and humidity. (But, before doing it, please ensure if any gas leakage occurred.)

To initiate the function, press the cal button for 2 seconds and press the cal button again when you see the right image.  And the calibration mode will be finished.

13. Setting Button (14. Setting Up / 15. SETTING Down)

By pressing the mode button, you can set configuration as below in order.

- AL1: 1ST alarm setpoint change
- AL2: 2nd alarm setpoint change
- AL3: 3RD alarm setpoint change
- SPAN: Calibration concentration change
- RANGE: Max range change
- DOT: Digit number change
- S-TI: Loading time change when turning on the device.
- A-TI: Loading time change before alarm is initiated
- ID: RS-485 ID change

16. Power S/W

After inserting 110V~220V.AC (50/60Hz), you can turn the device on.

17. Signal Terminal

Connect SI-100 and SI-100C cable (Red(+),White(Signal),Black(-)) to the signal terminal.

18. Power Input Terminal

Connect the cable (110V~220V.AC (50/60Hz)) to the power input terminal