

# SI-100IS

## Receiver For Fixed Gas Detector (Bar-Graph type)



### Description

SI-100IS is a single control panel and an alarm for fixed gas detector and fixed gas leak detector composed of sensing part and receiver. It is designed as DIN type and so can be installed as wall mount panel. Performing calibration is processed from a detector and can also perform from the SI-100IS itself.

### Key Feature

- Sophisticated design and simple structure
- Display using the Bar-Graph depend on alarm steps. (1st, 2nd, 3rd Alarm)
- 3 Colored LED and F.N.D gas concentration display
- Easy zero calibration and built-in calibration mode
- Self test mode
- Display the number of calibrations
- Built-in light bar (Option)

### Specification

<b>Model</b>	<b>SI-100IS</b>
<b>Measuring range</b>	Programmable within detection range
<b>Display</b>	30-Bar graph, 3 Alarm LED, 3 Status LED, 7-Segment(4Digit)
<b>Sound</b>	buzzer(Alarm1,2,3, Reset, Fault), 80dB
<b>Operation mode display</b>	3 Alarm LED, 3 Status LED
<b>Measuring value display</b>	30-Bar graph, 7-Segment(4Digit)
<b>Alarm level set</b>	Alarm1,2,3 Programmable within detection range
<b>Alarm signal output</b>	Alarm 1,2,3 - 12V.DC, Dry contact (com, no, nc), comm 12V.DC, Dry contact(com, no, nc)
<b>Input Signal</b>	4/20mA signal
<b>Cable/Distance</b>	CVVSB 1.5sq or AWG20 × 3wire (Power + Signal) / 2,500m max
<b>Mounting type</b>	Wall mount
<b>Program set mode</b>	ALARM1,2,3, Range, 4-20mA Calibration etc.
<b>Operating temperature</b>	-20°C ~ +50°C
<b>Operating humidity</b>	5%~95%RH(Non-condensing)
<b>Operating power</b>	100~240V INPUT AC (50/60Hz), <0.24A
<b>Material</b>	ABS AF308
<b>Dimensions</b>	120(W) × 200(H) × 51(D)mm
<b>Weight</b>	0.5kg

