

# TOTAL SOLUTION FOR GAS DETECTION SYSTEM

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## SK-5100 Series

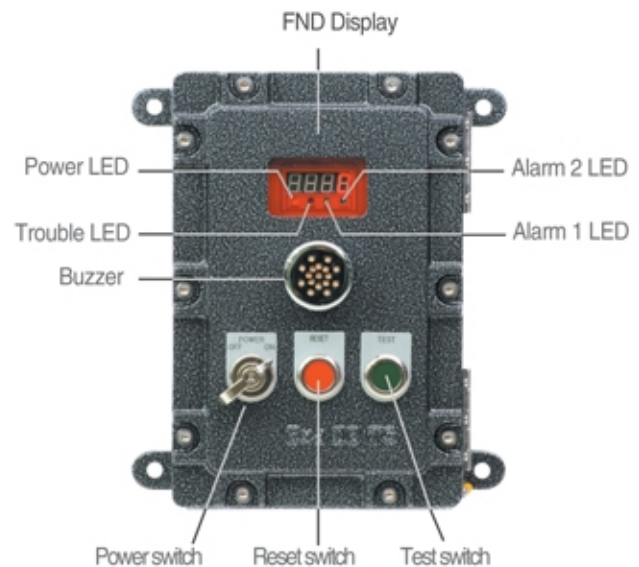
FLAME PROOF & SINGLE CHANNEL TYPE



- Connectible with all kinds of gas detector at explosion hazardous area with flame proof structure
- Self diagnosis function with micro processor
- Easy installation with wall mount type
- Gas concentration display with 4-digit
- 2 Alarm level LED display and relay contact output
- Alarm On/Off function
- Programmable Alarm setting (level, delay time, & etc)
- 4-20mA DC output signal (Option)
- Peak hold
- Self diagnosis

### GENERAL

- SK-5100 is single channel type controller with micro processor. This can be installed in explosion hazardous area with flame proof structure to connect with all kinds of gas detectors
- This is small size & wall mount type controller having flame proof structure and continuously monitors gas concentration with gas detector connected.
- 4 digits display clearly indicates operating condition and gives visual alarm (alarm lamp) and audible alarm (buzzer) when gas concentration exceeds alarm level
- SK-5100 produces 2-alarm and Trouble output to interlock with other devices (gas shut-off valve, beacon and venting FAN)
- SK-5100 has various outputs (4-20mA DC, 2 -alarm, trouble alarm) to interface with outer equipments (DCS, PLC, monitoring system)
- There are various accessories for each onsite condition (Optional item)



### [Accessories]



Cable gland

## SPECIFICATION

### FLAME PROOF & SINGLE CHANNEL TYPE GAS MONITOR

Model	SK-5100
Operation display	4-LED (Power, 2-alarm, Trouble)
Measuring display	3-Digit FND
Measuring range	1~999 (programmable) / %LEL, ppm, % Vol
Alarm display	Visual : 2-Alarm, Trouble LED Audible : buzzer
Alarm output signal	2-Alarm, Trouble / AC250V/5A relay contact (SPDT)
Alarm level set	Programmable within detection range
Input signal	4-20mA DC (2 wire or 3 wire)
Output signal	4-20mA DC
Reset signal	Reset switch and remote control
Program set mode	Alarm value & type (1, 2 alarm) Alarm time (instant & delay (1~60 sec)) Alarm dead band Measuring value compensation (SAD)
Operating temperature	-10°C ~ +50°C
Operating humidity	0 ~ 99%.RH (non-condensing)
Operating power	AC 90V~250V / 3.6W 24V DC (option).
Dimensions	290 x 335 x 157 (W X H X D)
Weight	12kg
Approval	Flame proof type (Ex d IIB T5)

※ Specifications are subject to change without prior notice.

## DIMENSION (unit : mm)

