

# SINGLE POINT GAS DETECTOR with INDICATOR and ALARM KS-7 SERIES

## Features

- Clear flowing LED lights for gas alarm indication
- Automatic backup power for more than 2 weeks (350 hrs.)
- Compact, lightweight and easy installation



KS-7D



Steel Industry



Semiconductor Fab



Civil Engineering and Construction



Government, Schools, and Research Institutions



Transportation and Communications



Agriculture and Livestock Industries

**Approvals**  
• CE marking



Normal Operation (KS-7O)



Gas Alarm (KS-7O)



KS-7R



With Battery Unit (Option)



KS-7OF, Separate Sensor Unit (Option, Available for only KS-7O)

## Specifications

Model	KS-7O	KS-7D	KS-7R
Target Gas	Oxygen	Carbon Monoxide	Carbon Dioxide
Sensor Type	Galvanic cell Sensor	Electrochemical	NDIR Sensor
Detection Range	0 to 25.0 vol% or 0 to 50.0 vol%	0 to 75 ppm, 0 to 150 ppm, 0 to 250 ppm, or 0 to 4000 ppm	360 to 5,000 ppm
Power Supply	24 VDC ±10%		
Power Consumption	Monitoring: 1 W, During alarm: 3 W		
Alarm Set Value	For 25.0 vol%: 1st stage 19.0 vol% 2nd stage: 18.0 vol% For 50.0 vol%: 1st stage 18.0 vol% 2nd stage: 25.0 vol%	For F.S. 75 ppm: 25/50 ppm For F.S. 150 ppm: 50/100 ppm For F.S. 250 ppm: 50/150 ppm For F.S. 400 ppm: 50/150 ppm	AL1: 2,000ppm AL2: 5,000ppm
External Output	Gas concentration analog output: 4-20 m ADC Alarm1, Alarm2, Fault Latching, non-latching		
Operating Temperature *1	-10 to +40 °C	-5 to +40 °C	-10 to +50 °C
Operating Humidity *2	30 to 85 %RH		0 to 85 %RH
Weight	Approx. 300 g		
Options	Separate Sensor Unit (KS-7OF) Battery Unit KS-7xB	Battery Unit KS-7xB	Battery Unit KS-7xB

\*1. No rapid temperature change \*2. No rapid humidity, No condensation

## External Dimentions

