

SI-H100

Sampling type fixed-Gas Detector

SENKO



Description

SI-H100 measures sample gas by sensor cartridge in the case upon suction remotely on a real time basis constantly. The monitor points up to 100 feet (30meters) away and shows alarm of dangerous concentration, fault situation, and so on, upon attaching on the wall. SI-H100 assists to prevent or control a variety of gas related accidents including toxic, flammable gases in a plant providing reliable sensor technology.

Key Feature

- Simple to install, easy to use the product
- Extractive pump system which has 2years life time (Sampling up to 30M)
- Smart sensor cartridge with on board
- Large bright graphic LCD based on Intuitive icon with various expressions
- 3 built in relays for Alarm 1st , 2nd and Fault
- Ethernet (PoE) communication
- Optional Pyrolyzer module
- 4-20mA analog output with event reporting and fault
- Modbus/TCP Ethernet can be easily connected to all control and alarm systems ports
- Update the latest version of firmware available via the web
- RS-485, TCP Ethernet to connect alarm system and communication
- Detects gas which is parts-per-billion(ppb) levels

Specification

Model	SI-H100
Size	124mm(H) X 65mm(W) X 155mm(D)
Weight	2Kg
Operating voltage	DC : 24V $\pm$ 10% PoE : 36V~57V (Typical : 48V)
Flow rate	500mL/min (MAX 900)
Power consumption	Approximately 5.0W
Measurement display	Graphic LCD (160 X 100), gas concentration, flow rate, alarm, rear light, device abnormality
Alarm	90dB at 10cm
Relay	Primary Alarm, Secondary Alarm, Fault Alarm
Output signal	Analog, 4-20mA
Digital communication	RS-485, TCP Ethernet
Sampling distance	Length of input gas tube: up to 30m (FEP tube) Length of exhaust gas tube: up to 30m (FEP tube)
input/output tube	1/4" Teflon tube
Operating temperature	0°C ~40°C
Certification	CE
Control/Set	4 Button & RS485 & Ethernet
Warranty of the device	2 years
Warranty of sensor cartridge	1 year
Remote interface	Ethernet, RS-485
Wiring	4 to 20mA / DC power / Relay: up to 14 AWG
ETC	Update the latest version of firmware available via the web

Accessories

Sampling bracket

