

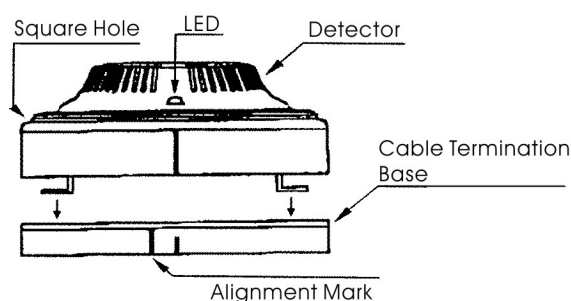
PS-820 Gas Detector



FEATURES

This is an unique patented gas detector which combines high stability detection with an advanced signal processing system. It can detect natural gas and propane gas promptly and correctly. When the gas concentration in the area exceeds the limited, it will sound and flash to indicate an alarm and a relay signal will be sent to the control panel.

- ▲ Fire resistant casing
- ▲ Use highly stable sensor and advanced signal processing technology



SPECIFICATION

Model	PS-820
Sensor type	SnO ₂ Semi-conductor Natural Gas and Propane Gas Sensor
Processor	Microchip controller
Temperature Compensation	Auto Temperature Compensation
Alarm Concentration	(0.1-0.5)% (1,000-5,000ppm)
Alarm Relay Output	Form A, normal closed, opens on alarm (3 seconds), can be set to normal opened by jumper
Alarm Relay Rating	1A at DC30V
Buzzer	Sounded when alarmed, 85 dB at one meter
Alarm Reset	Auto reset
Supply Voltage	DC12V
Standby Current	130mA
Alarm Current	165mA
Warm Up Time(max)	5 minutes
LED indication	Light up when alarmed
Operating Temperature	-20 to 50 ⁰ C
Casing	Fire resistant PC
Dimension (Φ x H)	100 x 48mm with detach-able cable termination base
Weight	130 g