

PS-825 Wall Mounted Natural Gas Detector

P O S O N I C[®]

FEATURES

This is an unique patented natural gas detector which combines high stability detection with an advanced signal processing system. It can detect natural 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. So it can be standalone operation or connected to panel.

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



SPECIFICATION

Model	PS-825
Sensor type	SnO ₂ Semi-conductor Natural 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 on board terminal input or power adaptor jack input. An adaptor suitable for AC110-220V mains supply included.
Standby Current	DC 130mA
Alarm Current	DC 165mA
Warm Up Time(max)	5 minutes
LED indication	1. Green LED lights up when power supply is ON. 2. Red LED light up when alarmed
Test Button	One test button is provided for testing of function
Mounting	Wall mounted
Operating Temperature	-20 to 50 ⁰ C
Casing	Fire resistant ABS
Dimension	85 x 119 x 49mm
Net Weight/Shipping Weight	135g/193g