I-9602LW/LPG/NG/CG

Addressable Gas Detector

I-9602LW Addressable Gas Detector is used to detect leakage of gas (LPG, Natural Gas or Coal Gas) in such areas as houses, hotels and apartments.

Features

➢ Electronically addressed, can be programmed by programmer
➢ Drift compensation, to suit environment changing extensively.
➢ Local buzzer alarm
➢ Self-diagnostic
➢ Additional relay output for fan control and Valve shut off

Wiring

Fig. 1 shows terminals of the detector.

D1 D2   Z1 Z2   K1 K2   V- V+

Terminal description:

    D1, D2: 24VDC, non-polarized.

    Z1, Z2: Loop, non-polarized.

    V+, V-: Connecting with pipe solenoid valve. A pulse output to shut off the valve.

    K1, K2: 24V/1A normally open contact, closes when detector alarms.

Warning: It's prohibited to switch 220VAC directly through K1 and K2.

Recommended Wiring:

The power cable connecting with D1 and D2 shall be 2.5mm^2 or above flame-retardant copper-core.

Cable connecting with Z1, Z2, V+, V- , K1 and K2 shall be 1.0mm2 or above flame-retardant copper-core.

Application

1. Applying power supply to the detector after wiring and checking, the green LED will flash for 3 to 6 minutes during warm-up, and then it will illuminate steadily to indicate the detector has entered normal standby status.
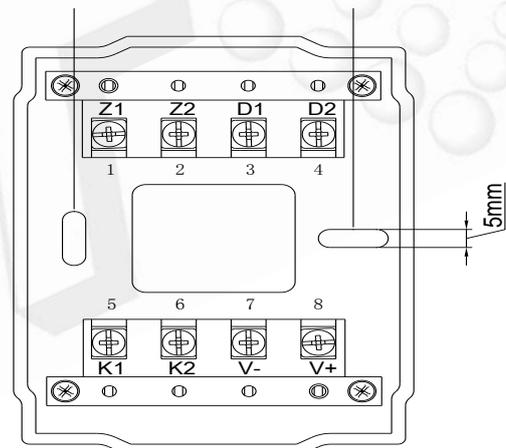
2. If the detector alarms, the Alarm/Fault LED flashes red, and the buzzer sounds about twice per second. If the detector is in trouble, the Alarm/Fault LED illuminates yellow steadily, and the buzzer sounds once every 3 seconds.

3. There is a Self Test button on the detector to test if the LEDs and buzzer works properly. Pressing the Self Test button, the LEDs flash once in turn, and the buzzer sounds three times.

4. Address can be programmed through

programmer, as shown in Fig.3. Refer to the P-9910B Hand Held Programmer Installation and Operation Manual for further details

HAND HOLD PROGRAMMER
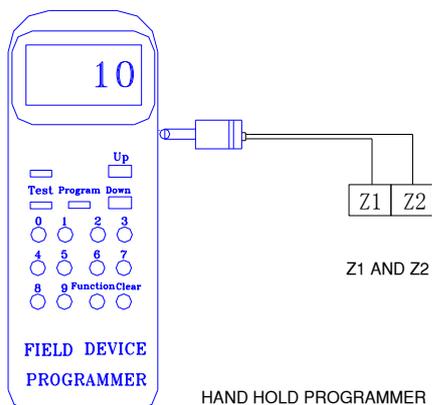
Please specify the detection gas type when setting the PO.

Specification

Power Voltage	24VDC
Loop Voltage	24V
Normal Standby Power Consumption	≤0.5W
Alarm Power Consumption	≤3W
Type of Gas	Coal gas Natural Gas Coal gas
Alarm Threshold	1%LEL(hydrogen)
Life of the Sensor	5 years
Ingress Protection	IP30
Temperature	-10℃～+50℃
Relative Humidity	≤95%, non-condensing
Material and Color	ABS, ivory white
Weight	180g
Dimension (L×W×H)	121mm×87mm×57mm
Mounting Hole Distance	60mm

Accessories and Tools

Model	Name	Remark
P-9910B	Hand Held Programmer	Order separately

Please contact with GST sales for compatible devices.