Multi-point Type Gas Alarm System

UV-810

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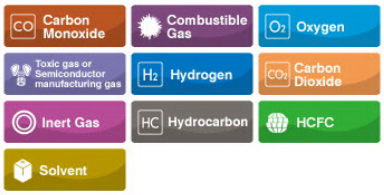

Model	UV-810
Points of Indicator	Up to 15 points

Combined Gas Detection Systems with V3 indicator unit, alarm unit, communication unit and various gas detector heads.

Features

- Compact design
- Standard cases for 3/6/9/12/15 points are available
- Wide variety of input power sources
- Can be equipped with a Zener barrier
- Combination of the V3 series (or V/V2 series) units allows detection of and alarm for various gases
- Backup power supply unit is available with UVB-810

Specifications

Model	UV-810
Points of Indicator	Up to 15 point (line up: 3/6/9/12/15 point type)
Alarm Accuracy	As per gas detector: – Combustible gas: within 25% of alarm value under an identical condition – Toxic gas: within 30% of alarm value under an identical condition
Alarm Indication Alarm Sound	Indicator unit – Alarm lamp: blnks on alarm, lights up by reset, latching (or non-latching) Alarm unit – Trouble lamp: red lamp lights up (1st stage, 2nd stage) when at least one indicator unit is activated yellow lamp lights up when at least one indicator unit cause a malfunction
External Output	Terminal for collective alarm – 2nd alarm contact: 1a non-voltage (STD) (100 VAC, 1A. 24 VDC, 1A load resistance) – 1st alarm contact: 1a non-voltage (STD) (100 VAC, 1A. 24 VDC, 1A load resistance) – Buzzer contact: 1a non-voltage (STD) (100 VAC, 1A. 24 VDC, 1A load resistance) – Trouble contact: 1a non-voltage (STD) (100 VAC, 1A. 24 VDC, 1A load resistance) *Collective alarm contacts of 1st alarm and 2nd alarm can be changed to 1b contact (need to specify) Terminal for individual alarm – 2nd alarm contact: 1a non-voltage (STD) (250 VAC, 2A. 24 VDC, 2A load resistance) – 1st alarm contact: 1a non-voltage (STD) (250 VAC, 2A. 24 VDC, 2A load resistance) Analog output – Gas concentration analog output signal: 4-20 mA, selectable from 1-5 V (need to specify)
Power Source	AC specification: 100-240 VAC ±10% DC specification: 24 VDC ±10% (need to specify)
Power Consumption	AC input: 100-240 V, Pump power supply: 24 VDC – Power consumption (VA) = (V3 x points of indicator + VAS) x 1.25 (SW power loss) DC input (24 V ±10%), Pump power supply: 24 VDC – Power consumption (W) = (V3 x points of indicator + VAS) **V3 includes power consumption of gas detector
Operating Temperature/ Humidity	-10 to +40 °C (excluding rapid temperature change) 10 to 90 %RH (excluding rapid temperature change, non-condensing)