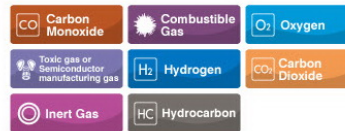


Indicator Unit / Alarm Unit

V3 series



V3シリーズ



Model	V3 series
Type	Hv、Hi、Cv、Ci、Tv、Ti、D、O、M
Gas Concentration Display	3-color LED bar graph (50 split)

Indicator unit, alarm unit and communication unit to combine with each gas detector head.

Features

- Easy to notice the alarm status with 3-color LED display.
- Maintenance Mode which will stop the alarm output to external devices during the maintenance, to allow a maintenance work alone.
- It can be replaced in the existing COSMOS gas detection system due to the failures.
- The cover attachment of PCB makes safe to use.
- The switch cover prevents accidental operation.
- The switch cover for alarm unit can also be selected (option).

Specifications

Model		V3	
Type		Hv, Hi, Cv, Ci, Tv, Ti, D, O	M
Gas Concentration Display		3-color LED bar graph (50 split)	
Alarm Indication	Power Lamp	Normal: Green POWER lamp lights up. Initial energization: Green POWER lamp flashes for 30s.	
	Alarm Lamp	Red ALARM lamp flashes (lights up on reset)	
	Trouble Lamp	Yellow TROUBLE lamp flashes	
Alarm Set Value		Adjustable within the detection range for 1st and 2nd stage alarm	
Alarm Accuracy		Combustible gas: Within $\pm 25\%$ of alarm set value Toxic gas: Within $\pm 30\%$ of alarm set value Oxygen: Within $\pm 1.0\text{vol}\%$ of alarm set value	Depends on the detector head specifications
Response Time		Combustible gas: Within 30s at 160% concentration of alarm set value Toxic gas: Within 60s at 160% concentration of alarm set value Oxygen: Within 5s at 10vol% (oxygen deficiency)	Depends on the detector head specifications
External Output	Contact Output	1c no-voltage (100 VAC/1 A resistance load, 24 VDC, 1 A-resistance load), 1a for trouble contact	
	Analog Output	4-20mADC	
Power Source		24 VDC $\pm 10\%$	
Power Consumption		Approx. 5.0W (excluding power consumption of extractive gas detector)	Approx. 5.0W (excluding power consumption of detector)
Other Functions		Linearization, maintenance mode, zero suppression (Option) Peak hold function, alarm delay, low flow arte alarm function (can be set by connecting detector)	
Operating Temperature/Humidity*		-10 to +40 °C 10 to 90 %RH	
Dimensions		W36 x H144 x D70 mm	
Weight		Approx. 600g (including 450g single case)	

*excluding rapid temperature change, non-condensing