

Gas Receiver Combination Gas Detector

GTD-6000



Features

- This detector detects gases such as combustible gases, toxic gases, and oxygen.
- Designed as an integrated receiver, it simplifies monitoring and product operation.
- The wall mounted design allows for easy installation.
- RS-485 Modbus communication is supported.
- Features a built-in self-diagnostic function using a microprocessor.
- Displays gas concentration with a 4-digit readout.
- Three levels of alarm concentrations are indicated by LED lights based on the situation.

Accessories



RS-485 Module

Sensor Specification

* = Refer to Toxic Gas Measuring Range

Measuring method	Galvanic cell	Electrochemical cell		Catalytic cell	Hot wire semiconductor cell	Thermal conductivity cell
Measuring gas	O2	O2	Toxic gas	Flammable gas	Flammable gas	Flammable gas
Measuring range	*	*	*	0 ~ 100% LEL	0 ~ 2000ppm	0 ~ 100% Vol
Response time	< 15sec / 90% scale	< 15sec / 90% scale	Varies by gas	< 15sec / 90% scale	< 15sec / 90% scale	< 15sec / 90% scale
Material	PVC	PVC	PVC	PVC	PVC	PVC

Detector Specification

Measuring type	Diffusion type
Accuracy	±3% / Full scale
Operation mode display	6-LED (Power, 3-Stage alarm, Trouble, Stand-by for Maintenance)
Measuring display	1.8" 4-Digit FND
Alarm signal output	3A@30VDC, 3A@250VAC 3-SPST Relay contact (2 Stage alarm, 1 Trouble)
Alarm display	Visual : 3-stage Alarm, Trouble LED, Warning LED Audible : Buzzer (85dB)
Output signal	Analog : 4-20mA Analog output Maintenance signal : 4mA Calibration signal : 3mA Fault signal : 0mA Digital : RS-485 Modbus (Option)
Distance	4 - 20mA DC Signal : 2000m RS-485 Modbus signal : 1000m
Material	ABS (Detector), Poly carbonate (Alarm unit)
Mounting type	Wall mount
Operating temperature	-20°C ~ 60°C
Operating humidity	5 ~ 99% RH (Non-condensing)
Dimensions	235.6(W) × 356(H) × 109.3(D) mm
Weight	1.75kg

Detector Certification

Other Certifications	CE(EMC)	European Electromagnetic Certification
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