

Gas Receiver Combination Oxygen & Toxic Gas Detector

GTD-6000Tx

Feature

- ▷ Simple structure, refined design and low cost of ownership
- ▷ Self diagnosis function with built-in Microprocessor
- ▷ Superior performance for detecting toxic gases below TLV
- ▷ Easy installation with a wall mount type
- ▷ 4-digit gas concentration display
- ▷ 3-stage alarm level, 1-trouble LED display and relay contact output
- ▷ Easy configuration of monitoring by RS-485 Modbus isolated serial data communication(Optional)
- ▷ Programmable alarm setting (Level, Time delay)
- ▷ Peak hold
- ▷ Self diagnosis

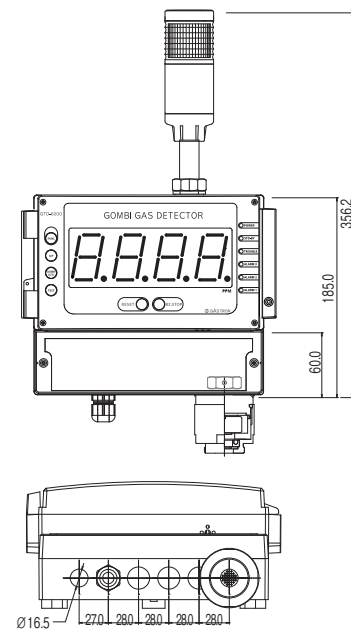


Gas sensor
+ Receiver
Combination

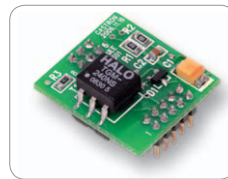
General



Dimension (Unit:mm)



Accessories



RS-485 module

Specification

※Specifications are subject to be changed without prior notice.

GAS RECEIVER COMBINATION OXYGEN & TOXIC GAS DETECTOR	
Model	GTD-6000Tx
Measuring gas	O ₂ Toxic gases(CO, Cl ₂ , NH ₃ & etc)
Measuring type	Diffusion type
Measuring method	Electro-Chemical Cell, Semiconductor cell
Measuring range	Refer to Toxic Gas Measuring Range(166 page)
Response time	< 45sec / 90% scale
Accuracy	±3% / Full Range
Measuring display	1.8" 4-Digit FND
Operation mode display	6-LED(Power, 3-stage alarm, Trouble, Stand-by for maintenance)
Alarm signal output	SPDT, Load: AC 250V / 1A (Alarm1, Alarm2, Alarm3, Trouble)
Alarm display	Visual : 3-stage Alarm, Trouble LED, Warning LED Audible : Buzzer(85dB)
Output signal	Analog : Measuring signal : 4-20mA DC Maintenance signal : 3mA DC Calibration signal : 3mA DC Fault signal : 0mA DC Digital : RS-485 Modbus (Option)
Cable	Power + Signal cable : 1.5sq (AWG16) / 2500m max
Distance	4 - 20mA DC Signal : 2000m / RS-485 Modbus Signal : 1000m
Mounting type	Wall mount
Operating temperature	-20℃ ~ +60℃
Operating humidity	5 to 99% RH (Non-condensing)
Operating power	Standard : AC90V~250V / 12W max Option : 24V DC / 280mA max
Material	Detector(ABS), Sensor(PVC), Alarm unit(Poly carbonate)
Dimensions	235.6(W) × 355.5(H) × 109.3(D) mm
Weight	1.75kg