

4-Channel Flame Proof Type Gas Detector Receiver

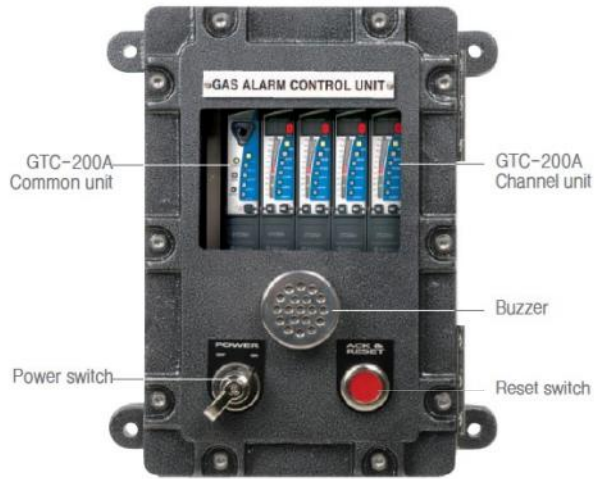
GTC-200F Series

Feature

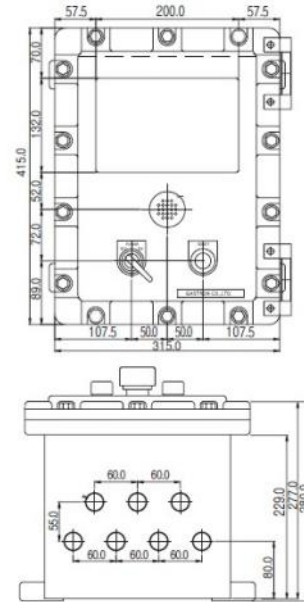
- ▷ Usable in explosion hazardous area with flame proof structure
- ▷ Integrated type receiver with built-in Microprocessor
- ▷ Connectable with various types of gas detectors
- ▷ Gas concentration display with 4-digit & Bar-graph (32 segment, 3-color LED)
- ▷ 3-color display according to alarm stages (Green, Yellow, Red)
- ▷ 3-stage alarm, 1-trouble LED display and relay contact output
- ▷ Easy configuration of monitoring system with RS-485 Modbus isolated serial data communication (Option)
- ▷ Programmable alarm setting (Level, Time delay)
- ▷ Peak hold
- ▷ Self diagnosis
- ▷ Back-up power unit (Option)



General



Dimension (Unit:mm)



Accessories



RS-485 module

Specification

※Specifications are subject to be changed without prior notice.

| 4-CHANNEL FLAME PROOF TYPE GAS DETECTOR RECEIVER | | |
|--|---|---|
| Model | GTC-200A COMMON (ALARM UNIT) | GTC-200A CHANNEL (DENSITY INDICATING UNIT) |
| Operation display | 8-LED (Power, 3-stage alarm, Trouble, Buzzer stop, PC & channel data communication) | 6-LED (Power, 3-stage alarm, Trouble Stand-by for maintenance) |
| Measuring display | | 4-Digit FND & Bar-graph (32 segment, 3-color LED) |
| Measuring range | | 1~9999 (programmable)%LEL, ppm, % Vol |
| Alarm display | Visual : 3-stage alarm, Trouble LED Audible : buzzer | Visual : 3-stage alarm, Trouble LED |
| Alarm output signal | 3-stage alarm, Trouble, Buzzer AC250V 5A relay contact (SPDT) | 3-stage alarm, Trouble, Buzzer AC250V 5A relay contact (SPDT) |
| Alarm level set | | Programmable within detection range |
| Input signal | | 4-20mA DC (2-wire or 3-wire) |
| Output signal | Isolated RS-485 Communication Modbus (Option) | 4-20mA DC |
| Reset signal | Reset switch and remote control | Reset switch |
| Program set mode | | Alarm value (1, 2, 3 alarm) Alarm time (instant & delay) 1~30min Alarm dead band Relay output on/off |
| Operating temperature | -20°C ~ +40°C | |
| Operating humidity | 5 ~ 99% RH (non-condensing) | |
| Operating power | Single Channel card : 18~31V DC (24V DC normal) / 1000mA max Wall Mount Type : AC 110 / 220V | |
| Battery power | Back-Up. power unit (Option) 24V DC / 600mA, 1300mA (Option) | |
| Approval | Explosion proof type (Ex d IIB T5) KCs CE, KR | |