

# Single Channel Flame Proof Type Gas Detector Receiver

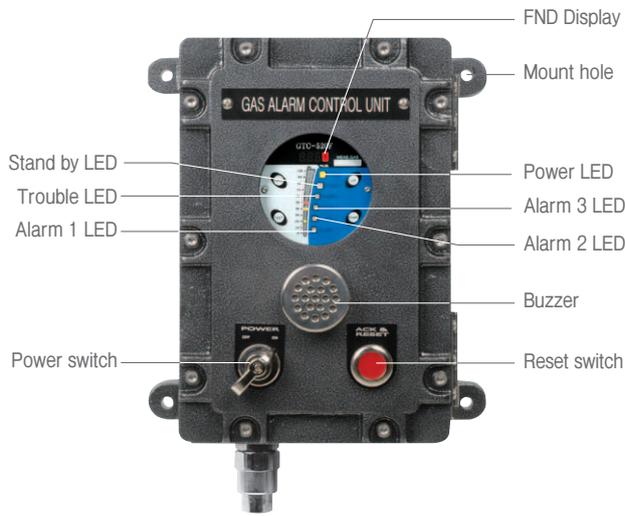
## GTC-520F Series

### Feature

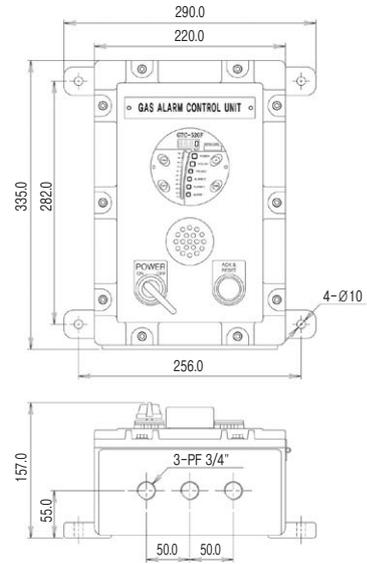
- ▷ Usable in explosion hazardous area with flame proof structure
- ▷ Connectable with various types of gas detectors
- ▷ Easy installation with a wall mount type
- ▷ Gas concentration display with 4-digit & Bar-graph (32 segment, 3-color LED)
- ▷ 3-color display according to alarm stages (Green, Yellow, 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



## General



## Dimension (Unit:mm)



## Accessories



RS-485 Communication Module



Cable gland

## Specification

※Specifications are subject to be changed without prior notice.

| SINGLE CHANNEL FLAME PROOF TYPE GAS DETECTOR RECEIVER |   |
|---|---|
| Model   | GTC-520F  |
| Operation display                                     | 6-LED (Power, 3-stage alarm, Trouble, Stand-by)   |
| Measuring display                                     | 4-Digit FND & Bar-graph   |
| Measuring range                                       | 1-9999(programmable) / %LEL, ppm, %Vol  |
| Alarm display   | Visual 3-stage alarm, Trouble LED<br>Audible : buzzer   |
| Alarm output signal                                   | 3-Stage Alarm, Trouble / AC250V 5A relay contact (SPDT)<br>Shut-off valve control signal (DC 12V)             |
| Alarm level set                                       | Programmable within detection range   |
| Input signal  | 4-20mA DC (2-wire or 3-wire)  |
| Output signal   | 4-20mA DC<br>RS-485 Communication Modbus(Option)  |
| Reset signal  | Reset switch and remote control   |
| Program set mode                                      | Alarm value (1, 2, 3 alarm)<br>Alarm time (instant & delay) 1~30min<br>Alarm dead band<br>Relay output on/off |
| Operating temperature                                 | -20℃ ~ +60℃   |
| Operating humidity                                    | 5~99%RH(non-condensing)   |
| Operating power                                       | Standard : AC90V~250V / 12W max<br>24V DC (Option) / 280mA max  |
| Dimensions  | 290x347x137 (WxHxD)mm   |
| Weight  | 12kg  |
| Approval  | Explosion proof type (Ex d IIB+H2 T6 IP65) KCs  |