

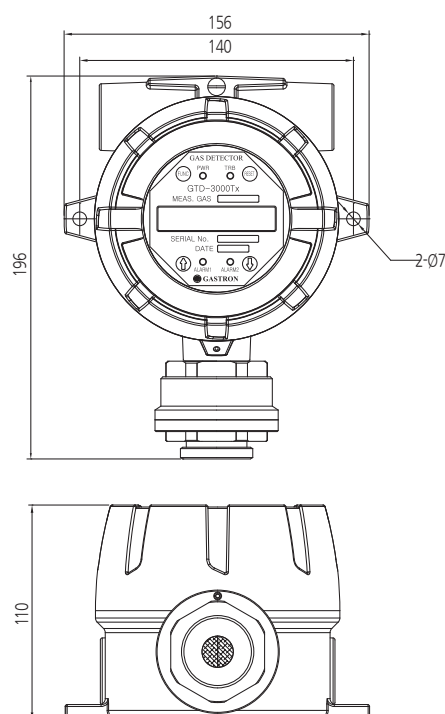
## GTD-3000Tx Intelligent Diffusion Oxygen & Toxic Gas Detector

| Continuous detection of toxic gases and oxygen in explosion hazardous area with flame proof structure | Self diagnosis function with built-in Microprocessor | Excellent selectivity by adapting detection principle only for toxic gases & oxygen | Stable quality and proved detection principle for service life | Built-in back light LCD or OLED display | Auto calibration and program setting with a magnet bar | 2-stage alarm, 1-trouble display and relay contact output | 4-20mA (Current source or Sink) output signal | Easy configuration of monitoring system by RS-485 Modbus communication | With the alarm unit - Normal : Green LED -Alarm : Red LED, Buzzer(95 dB) -Trouble : Yellow LED | Calibration and maintenance by one-man | Superior performance for detecting gases below TLV |

### IMAGE



### DIMENSION (Unit : mm)



### ACCESSORIES



Cable Gland



GTL-100



Rain cover



Splash guard



Collecting-cone



RS-485 module

### SPECIFICATION

※ Specifications are subject to be changed without prior notice.

| INTELLIGENT & LOCAL DISPLAY TYPE OXYGEN & TOXIC GAS DETECTOR |   |       |                |
|--|---|-------|----------------|
| Model  | GTD-3000Tx  |       |                |
| Measuring gas  | O2 / Toxic gases (CO, CL2, NH3 & etc)   |       |                |
| Measuring type   | Diffusion type  |       |                |
| Measuring method   | Electrochemical cell, Semiconductor cell  |       |                |
| Measuring range  | Refer to Toxic Gas Measuring Range  |       |                |
| Response time  | < 45 sec / 90% scale  |       |                |
| Accuracy   | ±3% / Full scale  |       |                |
| Parameter control  | Non intrusive control with a Magnet (calibration, maintenance, alarm setting)   |       |                |
| Operation mode display                                       | 4-LED (Power, 2-stage alarm, 1-trouble)   |       |                |
| Measuring value display                                      | LCD display (Built in back light 2-Line, 16 characters) / OLED Type (Option)  |       |                |
| Alarm signal output  | 2A@30VDC, 0.5A@125VAC (resistive load) / 3-SPST relay contact(2stage alarm, 1 trouble)  |       |                |
| Output signal  | Analog : Measuring signal : 4-20mA DC    Maintenance signal : 4mA DC    Calibration signal : 3mA DC<br>Fault signal : 0mA DC    Digital : RS-485 Modbus(Optional) |       |                |
| Conduit connection   | Standard : PF 3/4"    Option : NPT 1/2", NPT3/4", M20 x 1.5P, M25 x 1.5P  |       |                |
| Mounting type  | 2" Pole mount, Wall mount, Duct mount   |       |                |
| Operating temperature  | -20℃ ~ +60℃   |       |                |
| Operating humidity   | 5 ~ 99%.RH (non-condensing)   |       |                |
| Dimensions   | 156(W) x 196(H) x 110(D)mm  |       |                |
| Weight   | 2.0kg   |       |                |
| CERTIFICATION  |   |       |                |
| KCs  | Ex d IIC T6   | NEPSI | Ex d IIC T6 Gb |
| CE / KC / CPA  | Refer to website  |       |                |