

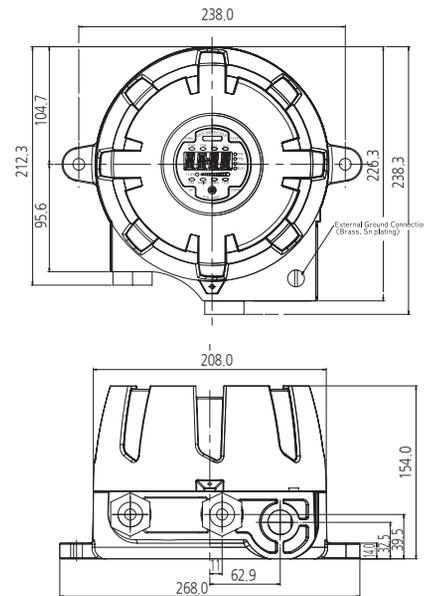
## GTD-5000F Explosion Proof Type Sampling VOC Gas Detector

| Continuous detection of VOC gas in explosion hazardous area with flame proof structure | Self diagnosis function with built-in Microprocessor | Easy replacement with a cartridge type sensor | Digital flow sensor to maintain regular flow rate | Fast response of gas leakage with a high efficient pump inside | Low concentration VOC gas detection by PID sensor | Stable quality and proved detection principle for service life | Auto calibration and program setting with a magnet bar | 4-digit digital gas concentration display | 4-20mA (Current source or Sink) output signal | Easy configuration of monitoring by RS-485 Modbus | 3-wire connection for signal & power | 2-stage alarm, 1-trouble display and relay contact output | Calibration and maintenance by one-man |

### IMAGE



### DIMENSION (Unit : mm)



### ACCESSORIES



Cable Gland



Male Connector



Micro Filter



RS-485 module



Mounting Bracket

### SPECIFICATION

※ Specifications are subject to be changed without prior notice.

EXPLOSION PROOF & SAMPLING TYPE VOC GAS DETECTOR	
Model	GTD-5000F
Measuring gas	VOC gases(Benzene, Toluene, Xylene & etc)
Measuring type	Auto Sampling type
Measuring method	Photo-Ionization Detector(PID)
Measuring range	0 - 300ppm
Response time	< 5sec / 90% scale
Accuracy	±3% / Full Scale
Parameter control	Non intrusive control with a Magnet bar (calibration, maintenance, alarm setting)
Operation mode display	Alarm / Trouble LED, Flow rate
Measuring value display	FND Display(4-Digit)
Alarm signal output	2A@30VDC, 0.5A@125VAC (resistive load) / 3-SPST relay contact(2stage alarm, 1 trouble)
Output signal	Analog output : 4-20mA DC, Digital output : RS-485 Modbus(Optional)
Sampling method	Diaphragm Pump
Sampling line	OD 1/4 "(Standard)
Flow rate	0 - 1000 ml/min Max
Conduit connection	Standard : PF 3/4" Option : NPT 1/2", NPT3/4", M20 x 1.5P, M25 x 1.5P
Mounting type	Wall mount
Operating temperature	-40°C ~ +60 °C
Operating humidity	5 to 99% RH (Non-condensing)
Material	ALDC
Dimensions	226.3(W) × 154(H) × 238(D) mm
Weight	5kg

#### CERTIFICATION

KCs	Ex d IIC T6	NEPSI	Ex d IIB+H2 T6/T5 Gb
ATEX / IECEx	Ex d IIB+H2 T6/T5 Gb	CE / KFI / KC	Refer to website