

# TOTAL SOLUTION FOR GAS DETECTION SYSTEM

TOTAL SOLUTION FOR GAS DETECTION SYSTEM

TOTAL SOLUTION FOR GAS DETECTION SYSTEM

## GTD-100Ex Series

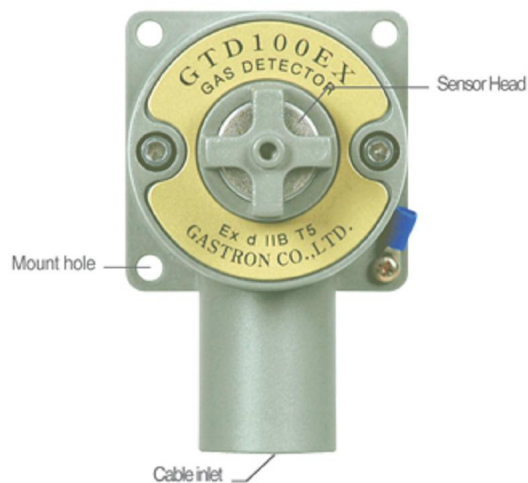
TRANSMITTER TYPE



- Continuous detection of combustible gas in explosion hazardous area with flame proof structure
- Stable quality and proved detection principle for service life
- High quality and low cost of ownership
- Simple structure and compact design
- 4-20mA DC output signal
- Calibration and maintenance by one person

### GENERAL

- GTD-100Ex has flame proof structure and can be installed in explosion hazardous area, explosive gas might be present in, and continuously detects combustible gas
- It is combustible gas detector with catalytic combustion principle.
- GTD-100Ex has very stable performance because it uses proved detection principle for service life.
- Its design is simple and total cost of ownership is very low with high quality
- It has guaranteed reliability and minimized influences of temperature, pressure, humidity and electrical noise.
- Analog output (4-20mA DC) is delivered to controller, DCS & PLC and gas monitoring system
- There are various accessories for each onsite condition (Optional item)



#### [Accessories]



Cable gland



Rain cover



Collecting-cone

## SPECIFICATION

### TRANSMITTER TYPE COMBUSTIBLE GAS DETECTOR

Model	GTD-100Ex
Measuring gas	Combustible gas (LNG, LPG, H <sub>2</sub> , Methane, Butane & etc)
Measuring type	Diffusion type
Measuring method	Catalytic cell
Measuring range	0-100% LEL
Response time	<15 sec / 90% scale
Accuracy	±3% / Full scale
Output signal	4-20 mA DC
Cable/Distance	3 wire (above CVVS 1.5sq) / 2,500m max.
Conduit connection	1/2" & 3/4" PF, NPT (3/4" : standard)
Mounting type	2" Pole mount, Wall mount, Duct mount
Operating temperature	-20°C ~ +50°C
Operating humidity	5 ~ 99%.RH (non-condensing)
Operating power	18 ~ 31V DC (24V DC normal) / 150mA max.
Dimensions	70 x 110 x 93 (W X H X D)
Weight	0.5kg
Approval	Flame proof type (Ex d IIB T5)

※ Specifications are subject to change without prior notice.

GTD-100Ex

## DIMENSION (unit : mm)

