

Transmitter Diffusion Flammable Gas Detector

GTD-1000Ex

Feature

- ▷ Continuous detection of flammable gases in explosion hazardous area with flame proof structure
- ▷ Detection gases from low to high concentration owing to various detection principle
- ▷ 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
- ▷ Easy calibration & maintenance with inside FND display
- ▷ Calibration and maintenance by one-man

Special Application



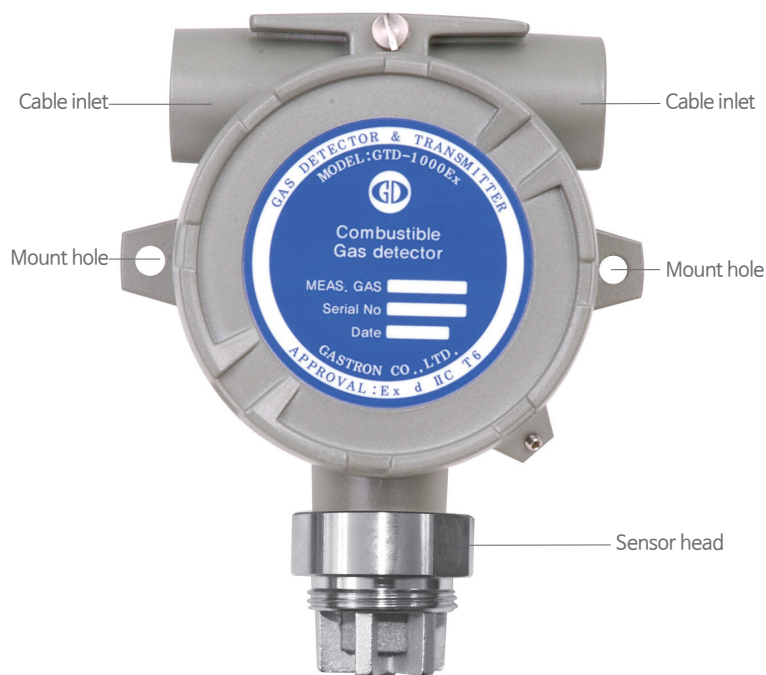
Remote type



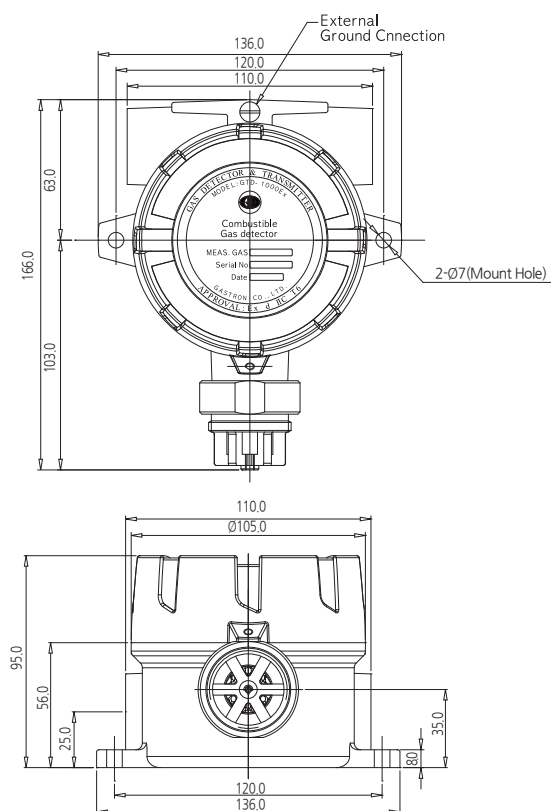
Insert type



General



Dimension (Unit:mm)



Accessories



Cable gland



Splash guard



Rain cover



Collecting-cone

Specification

※Specifications are subject to be changed without prior notice.

	TRANSMITTER TYPE FLAMMABLE GAS DETECTOR		
Model	GTD-1000Ex		
Measuring gas	Flammable gases (LNG, LPG, H ₂ , Methane, Butane & etc)		
Measuring type	Diffusion type		
Measuring method	Catalytic cell	Hot wire semiconductor cell	Thermal conductivity cell
Measuring range	0~100% LEL	0~2000ppm	0~100% Vol
Response time	<15 sec / 90% scale		
Accuracy	±3% / Full scale		
Output signal	4~20mA DC		
Cable/Distance	Power + Signal cable : 3-wire >1.5sq (AWG16) / 2500m max		
Conduit connection	G, Rc, NPT 1/2" & 3/4" (G 3/4" : standard)		
Mounting type	2" Pole mount, Wall mount, Duct mount		
Operating temperature	-20℃ ~ +60℃		
Operating humidity	5 ~ 99% RH (non-condensing)		
Operating power	21 ~ 27V DC (24V DC normal) / 200mA max		
Dimensions	136 x 166 x 95 (W x H x D)mm		
Weight	1.2kg		
Approval	Explosion proof type (Ex d IIC T6, IP65) KCs KF, CE		