GASTRON

Transmitter Diffusion Flammable Gas Detector
GTD-1000Ex

Special Application

Remote type

Insert type

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
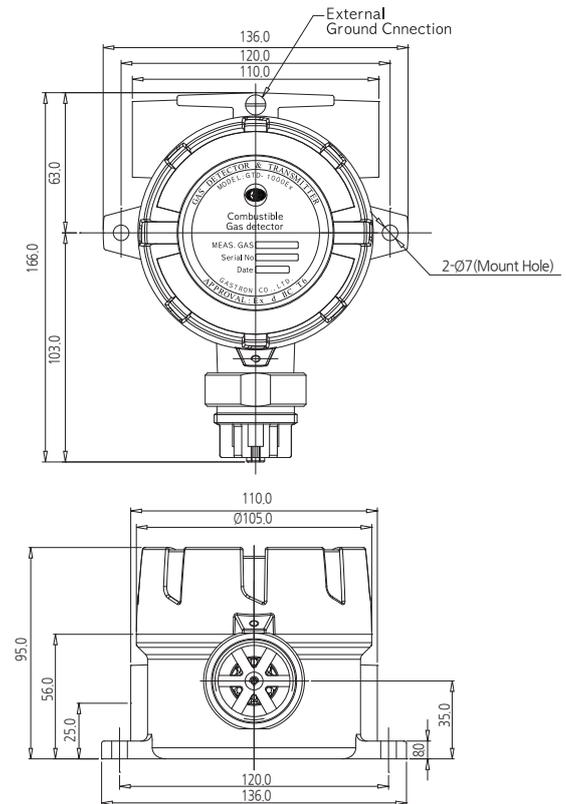
▷ Calibration and maintenance by one-man

KFI   CE   KC s

General

Cable inlet — Cable inlet
Mount hole — Mount hole
Sensor head

Dimension (Unit:mm)

External Ground Cnnection
136.0
120.0
110.0
63.0
166.0
103.0
2-Ø7(Mount Hole)

110.0
Ø105.0
95.0
56.0
25.0
35.0
80
120.0
136.0

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, H2, Methane, Buthane & 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 KFI, CE		

www.gastron.com