



## Smart Diffusion Type Combustible Gas Detector CSG1000F

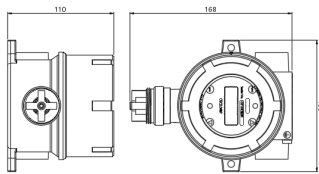
### ● Product Overview

CSG1000F is a gas detector to prevent industrial accidents in advance and to take prompt action by early detection of combustible gas leak from various facilities or storage

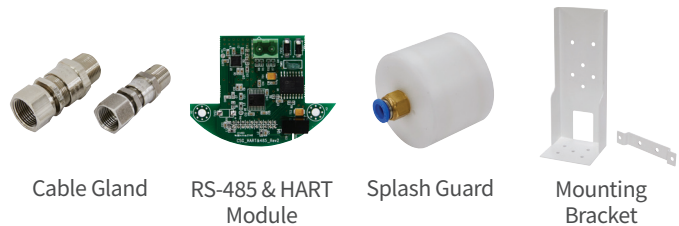
### ● Main Features

- Built-in magnetic sensor allows user to set the function with a magnetic pen
- Does not respond to gases other than measurements
- Standard gas injection makes it easy to inspect/calibrate for one person
- Can be installed in hazardous areas
- Built-in protection circuit
- Easy additional installation and maintenance
- Provides SPST relay output to receive 3 relay signals for notification 1, notification 2, and error signal
- Provides 4-20mA current output signal

### DIMENSION (Unit : mm)



### ACCESSORIES



Cable Gland

RS-485 & HART Module

Splash Guard

Mounting Bracket

### SPECIFICATION

Model Name	CSG1000F
Measuring type	Atmospheric diffusion type
Measuring gas	LPG, LNG, H2, CH4, C3H8, C4H10
Response time	T90 < 15Sec
Measuring range	0~100% LEL, Full scale
Accuracy	±3% / Full scale
Output signal	4~20mA, Relay
Communication (Optional)	RS-485, HART, RF
Approvals	IECEX, ATEX, KCs, CE, KC, CPA, NEPSI
Dimension	(W)136mm x (D)110mm x (H)168mm
Body weight	Aluminium(1.4kg), Stainless(3.9kg)
Explosion-proof	Flame proof (Ex d IIC T6, T5, Ex tb IIIC T75°C, T85°C)
Operating temperature	-40°C~70°C : T6(d) / T75°C(tb) -40°C~80°C : T5(d) / T85°C(tb)
Operating humidity	5~95% RH(non-condensing)
Rated voltage	DC24V(18~32V), 70mA
Entries	M20 x 1.5P, M25 x 1.5P, 1/2"NPT, 3/4"NPT