

LEL POINT 1000

TRANSMITTER DIFFUSION FLAMMABLE GAS DETECTOR



The LEL Point 1000 is a flame-proof gas detector designed for continuous monitoring of flammable gases in hazardous areas. It offers fast, accurate detection across a wide concentration range with proven, stable technology.

With 4–20mA output, a built-in FND display, and easy one-person calibration, it's engineered for efficiency and simplicity.

High quality, low maintenance, and a compact design—all at a competitive price.

FEATURES AND BENEFITS



Combustible Gas Detection

Engineered for continuous monitoring of flammable gases, ensuring fast and accurate detection in hazardous environments.



Cost-Effective & High Quality

Combines exceptional quality with affordability, minimizing maintenance costs while maximizing value.



Wide Detection Range

Capable of detecting gases from low to high concentrations, thanks to versatile and proven detection principles.



Explosion-Proof Design

Built with an explosion-proof housing to eliminate the risk of secondary explosions and ensure maximum operational safety.



Integrated FND Display

Internal digital display makes inspection, calibration, and status checks quick and straightforward.



Single-Operator Calibration

Simplified design allows a single operator to handle calibration and maintenance with ease, reducing downtime and labor costs.

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SENSOR SPECIFICATIONS

Measuring Method	Catalytic cell	Hot wire semiconductor cell	Thermal conductivity cell
Measuring Gas	Flammable gas	Flammable gas	Flammable gas
Measuring Range	0 ~ 100% LEL	0 ~ 2000ppm	0 ~ 100% Vol
Response time	< 15sec / 90% scale	15sec / 90% scale	15sec / 90% scale
Material	SUS316	SUS316	SUS316

DETECTOR SPECIFICATIONS

Measuring type	Diffusion type
Accuracy	±3% / Full scale
Output signal	Analog : 4-20mA Analog output
Material	Aluminium alloy
Cable entry thread	Standard : PF 3/4" Option : PF 1/2", M20 x 1.5P, M25 x 1.5P, NPT 1/2", NPT 3/4"
Mounting type	2" Pole mount, Wall mount
Operating temperature	-20°C ~ 60°C
Operating humidity	5 ~ 99%.RH (Non-condensing)
Dimensions	136(W) x 166(H) x 95(D) mm
Weight	1.2kg

DETECTOR CERTIFICATIONS

Explosion-Proof Certification	KCs	Korea Explosion Proof Certification	Ex d IIC T6
Other Certifications	CE(EMC)	European Electromagnetic Certification	-
	KC	Korea Electromagnetic Certification	
	KFI	Korea Fire Safety Certification	
	-	Thailand Ministry of Energy Certification	

FOR MORE INFORMATION

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Therefore, the specifications and features mentioned in this datasheet
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