



LEL Point 2000

Smart Diffusion Flammable Gas Detector

KEY FEATURES

- Combustible gases continuous detecting
- Acquire international certificates such as UL/IECEX/ATEX etc.
- HART communication
- Relay output available
- Built in self-check function

LEL Point 2000 is designed to detect flammable gas and is explosion-proof, preventing secondary explosions.

CERTIFICATE	
KCs	Ex tD A21 IP66 T85°C, Ex d IIC T6, T4
ATEX	Ex db IIC Gb T6, T4
IECEX	ATEX
NEPSI	IECEX
UL	Refer to website
KR	
MED	
ABS	
BV	

CERTIFICATE	
HART	Upon Request
DNV	
SIL 2	
KCs	
CE	
PESO	
TRCU	
CPA	Ex db IIC Gb
TIIS	

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SENSOR SPECIFICATION			
Sensor	Measurable gas	Measuring range	Response time
Catalytic cell	Flammable gas	0~100% LEL	< 15sec / 90% scale
Hot wire semiconductor cell		0~2000 ppm	
Thermal conductivity cell		0~100% Vol	
DETECTOR SPECIFICATION			
Accuracy		±3% / Full scale	
Parameter control		Non intrusive control with a magnet bar (Calibration, Maintenance)	
Operation mode display		1 LED (Power)	
Measuring value display		LCD display (Built in back light 2-Line, 8 characters) / OLED Type (Option)	
Output signal		Analog: 4-20mA Analog output Maintenance signal: 4mA Calibration signal: 3mA Fault signal: 0mA Digital: 2mA (HART 7, HART Device Description Language Available, Option)	
Material		Housing: ALDC, SUS316(Optional) Sensor: SUS316	
Conduit connection		Standard: PF 3/4” Option: NPT 1/2”, NPT3/4”, M20 x 1.5P, M25 x 1.5P	
Mounting type		2” Pole mount, Wall mount, Option	
Operating temperature		-40°C ~ 80°C	
Operating humidity		5 ~ 99% RH (Non-condensing)	
Dimensions		316(W) x 166(H) x 110(D) mm	
Weight		1.5kg	

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