

Lower Explosive Limit (LEL) Detector



Model: AI-LEL-FLP

One solution to measure

HYDROGEN

METHANE

ISOBUTANE

PROPANE

LPG

Features

- LEL measurement for methane, isobutane, propane, LPG and hydrogen
- Aluminium LM-6 body certified by CIMFR Dhanbad for use in Gas Group Areas I, II, IIA & IIB
- Japanese catalytic combustion sensor
- Measurement range 0 to 100% LEL

Lower Explosive Limit (LEL) detectors are used to monitor the concentration of flammable gases and vapors in the air to prevent explosions and fires. The Ace Instruments LEL Detector (AI-LEL-FLP) is housed in a flameproof aluminium LM-6 body certified by CIMFR, Dhanbad for use in Gas Groups Areas I, II, IIA & IIB.

The instrument features a Japanese catalytic combustion sensor for the reliable measurement of Hydrogen, Methane, Isobutane, Propane and LPG. The instrument features a measuring range of 0-100% with 4-20mA output, optional relay and RS-485 Modbus communication.

Comprehensive indoor air quality monitoring range
CO₂ | CO | Temp | Humi | VOC | PM | O₂



Ensure personnel safety through LEL measurement in..



Pharmaceutical Manufacturing



Chemical Industry



Oil and Gas



Battery Bank Room

Specifications

Make	Ace Instruments Model AI-LEL-FLP
Gases Detected	Combustible gases and vapour concentration
Sensor	Catalytic combustion sensor (Japan)
Range	0-100% LEL
Display	0.8", 3½ digit LED Display
Enclosure	Flameproof aluminium LM-6 body certified by CIMFR, Dhanbad for use in Gas Groups Areas I,II,IIA & IIB.
Accuracy	±2% F.S.
Relay	1 no. relay output (NO/CO/NC), 2 Amps rating
Communication	Optional RS-485 Modbus protocol
Analog Outputs	Industrial standard 4-20mA retransmission
Power Supply	24 VDC, 300 mA
Cable Gland Entries	2 Nos. cable gland entries for 3/4" ET

Customize your IAQ solution with us today



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