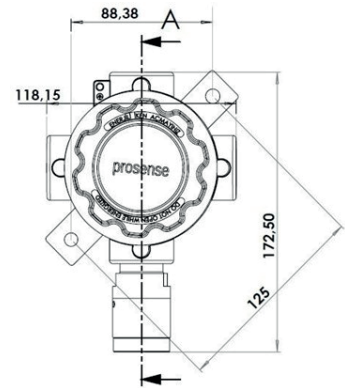


PE-3012 - PE KAYO-3012 LPG GAS DETECTOR



EN60079-0 EN60079-1 EN60079-18

FEATURES

▶ Trustworthy Certification

PROSENSE "PE" Series fixed gas detectors are certified with ATEX/IECEX.

▶ Ex-proof Safety

The continuous measurement of explosive gases is done safely in hazardous areas thanks to the ex-proof housing.

▶ Cost-Effective Solutions

"PE" series offers cost-effective solutions in Oil&Gas industries.

▶ Robust and Durable

"PE" performs perfectly under harsh environmental conditions with the IP65 protection class.

▶ Accurate Readings

Long-lasting Catalytic sensors undoubtedly provide an accurate and sensitive measurement.

▶ Universal 4-20mA Analog Signal Output

4-20mA Analog output is simple to operate efficiently and it is universally usable in any control panel.

▶ Quick Response Time

Catalytic sensor in PE offers quick response time with affordable prices.

▶ Durable Sensor

PE Series uses a special Catalytic sensor which has a long life-time

▶ Fail-Safe Technology Alarming

Optional relay module is suitable to use as Alarm 1 and Fault. Additionally, it can be arranged as Alarm 1 and Alarm 2.

▶ Applications

- LNG/LPG
- Oil&Gas
- Gas Distribution Stations

TECHNICAL SPECIFICATIONS

Sensing Element	Catalytic
Output Signal	4-20mA Analog
Sensor Warm-up Time	60sec
Response Time (T90)	<15sec
Accuracy	%±2
Operating Temperature	-40°C ~ +70°C
Humidity	5 ~ 95%RH Non-Condensing
Input	Min 10VDC -Max 28VDC Nominal 24VDC
Power Consumption	Max. 4W
Optional Relay Outputs	2 Relay Contacts (Alarm1-Fault or Alarm1-Alarm2) (All relays are NO/NC adjustable)
Cable Entry	1/2"NPT
IP Rating	IP65
Junction Box	Epoxy Painted Die-Cast Aluminum
Sensor Head	Nickel-Plated Brass
Dimensions/Weight	172,5x118,15x88mm / 1150gr
ATEX Marking	II 2G Ex db IIC T4-T5 Gb
Hazardous Class	Zone 1 or Zone 2
Certificates	•IMQ 19 ATEX 045 X •IECEX IMQ 18.0009X
Standards	• IEC EN 60079-0 • IEC EN 60079-1 • IEC EN 60079-18