

## PRODUCT DATA SHEET LPG gas detector - IP65

Last edit: January 31, 2025

Code: 4437606 - Item:



## PRODUCT DESCRIPTION

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LPG gas detector IP65 features a head with a catalytic sensing element that measures the concentration of explosive gas on the Lower Explosive Limit (LEL) scale. It utilizes a microprocessor unit capable of processing gas concentration data and performing dynamic calibration to ensure precise detection. The sensor has a detection range from 0 to 100% LEL and a native 4-20 mA output. It can be integrated with an optional relay output interface (2 relays: alarm-fault) with an alarm threshold set at 30% LEL (code 4437602). The detector comes with a dustproof metal enclosure (ADFT IP65) housing both the electronics and the sensing element, which is positioned at the bottom and protected by a sintered bronze filter. Programming, replacement, and calibration of the head can be performed via a PC software interface. Technical data: Dimensions (WxHxD): 100 x 152 x 60 mm - Weight: 500 g -T90: <30 s - Working temperature: -10°C to +60°C - Power supply: 12 to 24 Vdc - Maximum power consumption: 90 mA at 12 Vdc.

## FEATURES AND ADVANTAGES

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- Microprocessor-based unit
- Catalytic technology
- Sensor status indicators
- Automatic calibration
- Die-cast aluminium IP65 enclosure
- Suitable for all types of environments
- Native 4-20mA output
- Optional 2-relay board
- Power supply from 12 to 24Vdc

## TECHNICAL SPECIFICATIONS

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Power supply range: 12 - 24Vdc  
Maximum power consumption: 90mA  
Capacity: 0-100% LEL  
Capacity:  
Working Temperature: from -10°C to +60°C  
Max Humidity (non condensing): 80% RH  
IP rating: IP65  
Dimensions (LxHxP): 100 x 152 x 60 mm  
Weight: 500g

## CERTIFICATIONS / APPROVALS

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