

PRODUCT DATA SHEET METHANE (CH₄) gas detector - IP65

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Code: 4437603 - Item:



PRODUCT DESCRIPTION

Methane 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

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

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

