

PRODUCT DATA SHEET CARBON MONOXIDE (CO) gas detector - IP65

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PRODUCT DESCRIPTION

Carbon monoxide (CO) gas detector IP65. It is equipped with a head containing a sensitive electrochemical cell element that measures the concentration of toxic gas on the ppm scale. It uses a microprocessor unit capable of processing gas concentration data and performing dynamic calibration, ensuring accurate detection. The sensor is set with a detection range from 0 to 300 ppm and a native output of 4-20 mA. It can be integrated with an optional relay output board (alarm-fault) with an alarm threshold at 300 ppm (code 4437602). The detector comes with a dust-proof metal enclosure ADFT IP65, housing both the electronics and the sensitive element, positioned at the bottom and protected by a special sintered bronze filter. Programming, replacement, and calibration of the head are possible through a PC software interface. Dimensions (WxHxP): 100 x 152 x 60 mm, weight 500 g, T90 <30 s, working temperature from -10°C to +60°C, power supply from 12 to 24 Vdc, maximum power consumption 65 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: 0-300ppm
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

