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PRODUCT DATA SHEET
CARBON MONOXIDE (CO) gas detector ATEX – IP66

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Code: 4437625 - Item:

PRODUCT DESCRIPTION

Carbon monoxide (CO) gas detector IP66 ATEX. It is equipped with a head containing an electrochemical cell sensitive element that measures the concentration of the toxic gas on the ppm scale. It uses a microprocessor unit capable of processing gas concentration data and performing dynamic calibration to ensure precise 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 painted aluminum housing IP66, for 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 via 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
- Zero automatic calibration
- Die-cast aluminium IP66 enclosure
- Suitable for ATEX environments
- Native 4-20mA output
- Optional 2-relay board
- Power supply from 12 to 24Vdc

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TECHNICAL SPECIFICATIONS

Power supply range: 12 - 24Vdc
Maximum power consumption: 90mA
Capacity: 0-300ppm
Output: sirena (500mA - 24Vdc)
Working Temperature: from -20°C to +60°C
Max Humidity (non condensing): 80% RH
IP rating: IP66 - ATEX
Dimensions (LxHxP): 90 x 160 x 70 mm
Weight: 1Kg

CERTIFICATIONS / APPROVALS

CE