

GAS DETECTOR GIP-P-CO2



sensor made in Switzerland



Features

- High quality sensor of Membrapor brand from Switzerland
- Big screen LCD real-time display gas concentration
- Sound and light alarm, can be set at high and low point
- 3-color display to indicate the alarm status
- Two relay to control peripheral devices
- Good sealing, anti-corrosion, explosion-proof and anti EMI, RFI function
- Round casting stainless steel housing is suitable for offshore platforms, as well as high temperature, high humidity and other harsh environments

Technical Data

Gas type : Carbon dioxide (CO₂)

Measuring type : Pipeline

Measuring range : 0...2000 ppm/ 0...5000 ppm/ 0...10000 ppm
0...5/ 0...10/ 0...20/ 0...30/ 0...50/ 0...100 %vol

Accuracy : ±2% of full scale

Resolution : 1 ppm/ 1 ppm/ 1 ppm

0.01 %vol/ 0.01 %vol/ 0.01 %vol/ 0.01 %vol/ 0.1 %vol/ 0.1 %vol

Sensor type : Non-dispersive infrared sensor (NDIR)

Life expectancy : 5...10 years

Preheating time : 60 sec

Operating temperature (body) : -20...+60 °C

Operating temperature (sensor) : 0...+50 °C

Operating humidity : 0...85 %RH

Operating pressure : 700...1300 mbar

Operating Gas flow rate : 0.4 - 0.8 l/min (Recommend 0.5 l/min)

Signal output : 4-20 mA (3-wire)

Relay output : 2 x Relay, 0.5A/125Vac or 1A/30Vdc

Power supply : 12...24 Vdc

Current consumption : 20...200 mA

Power consumption : ≤ 3W

Pipe connection : connection for tube I.D 4 mm

Dimension : 195 x 178 x 90mm

Weight : 2.4 kg

Body material : Cast aluminum

Electrical connection : M26 x P2.0

Explosion proof : Ex d IIC T6 Gb

Protection : IP65

• Example



GIP - P -(gas type) - (range) - **A**
Gas detector **with alarm**



GIP - P -(gas type) - (range) - **N**
Gas detector **without alarm**



Ordering code

GIP - P - CO2 - -

A : Alarm
N : None

2000 : Range 0...2000 ppm
5000 : Range 0...5000 ppm
10000 : Range 0...10000 ppm
5V : Range 0...5 %vol
10V : Range 0...10 %vol
20V : Range 0...20 %vol
30V : Range 0...30 %vol
50V : Range 0...50 %vol
100V : Range 0...100 %vol

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