

# Technical Data Sheet

## GAS DETECTOR GIP-P-CO



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 Monoxide (CO)  
**Measuring type :** Pipeline  
**Measuring range (ppm):** 0...200/ 500/ 1000/ 40000 ppm  
**Measuring range (%vol) :** 0...5/ 10/ 20/ 50/ 100 %vol  
**Accuracy :** ±2% of full scale  
**Resolution (ppm) :** 0.1/ 1/ 1/ 1 ppm  
**Resolution (%vol) :** 0.01/ 0.01/ 0.01/ 0.1/ 0.1 %vol  
**Sensor type :** Electrochemical (ppm), NDIR (%vol)  
**Life expectancy :** 1...3 years (ppm), 5...10 years (%vol)  
**Preheating time :** 60 seconds  
**Operating temperature (body) :** -20...+60 °C  
**Operating temperature (sensor) :** 0...+50 °C  
**Operating humidity :** 0...85 %RH  
**Operating pressure :** -0.3...+0.3 barG  
**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

### Ordering code

**GIP - P - CO -**  -   
 |  
 |  
**A :** Alarm  
**N :** None  
  
**200 :** Range 0...200 ppm  
**500 :** Range 0...500 ppm  
**1000 :** Range 0...1000 ppm  
**40000 :** Range 0...40000 ppm  
**5V :** Range 0...5 %vol  
**10V :** Range 0...10 %vol  
**20V :** Range 0...20 %vol  
**50V :** Range 0...50 %vol  
**100V :** Range 0...100 %vol

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### Example



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



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