

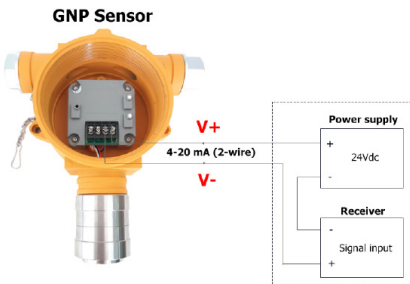
## GAS DETECTOR GNP-CO2



sensor made in Switzerland



### Wiring diagram



### Ordering code

GNP - CO2 -

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

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### Features

- High quality sensor of Membrapor brand from Switzerland
- 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 (CO<sub>2</sub>)  
**Measuring type :** Diffusion  
**Measuring range :** 0...2000 ppm/ 0...5000 ppm/ 0...10000 ppm  
 0...5/ 0...20/ 0...50/ 0...100 %vol  
**Accuracy :** ±2 %FS  
**Resolution :** 1 ppm/ 1 ppm/ 1 ppm  
 0.01 %vol/ 0.01 %vol/ 0.1 %vol/ 0.1 %vol  
**Sensor type :** Nondispersive infrared sensor (NDIR)  
**Life expectancy :** 5...10 years  
**Preheating time :** 60 sec  
**Operating temperature :** -20...+60 °C  
**Operating humidity :** 0...85 %RH  
**Operating pressure :** 700...1300 mbar  
**Signal output :** 4-20 mA (2-wire)  
**Power supply :** 24 Vdc  
**Current consumption :** 20...200 mA  
**Power consumption :** ≤ 3W  
**Dimension :** 195 x 178 x 90mm  
**Weight :** 1.65 kg  
**Body material :** Cast aluminum  
**Electrical connection :** M26 x P2.0  
**Explosion proof :** Ex d IIC T6 Gb  
**Protection :** IP65

