

## GAS DETECTOR GNP-P-CO2



sensor made in Switzerland



### 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 :** 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 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 (2-wire)

**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 :** 1.65 kg

**Body material :** Cast aluminum

**Electrical connection :** M26 x P2.0

**Explosion proof :** Ex d IIC T6 Gb

**Protection :** IP65

### Ordering code

GNP - P - CO2 -

**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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