

## GAS DETECTOR GNP-P-CH4



sensor made in Switzerland



### Ordering code

GNP - P - CH4 -

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

### 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 :** Methane (CH<sub>4</sub>)  
**Measuring type :** Pipeline  
**Measuring range :** 0...5/ 10/ 20/ 50/ 100 %vol  
**Accuracy :** ±2% of full scale  
**Resolution :** 0.01/ 0.01/ 0.01/ 0.1/ 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

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