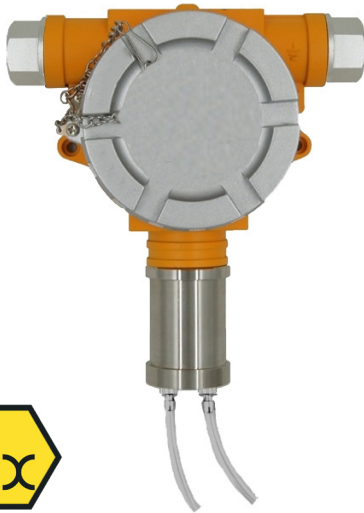


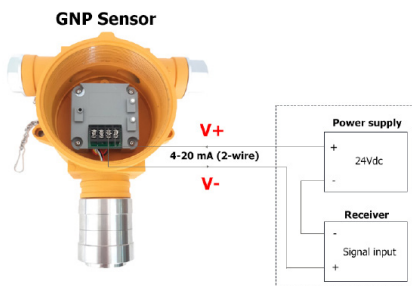
GAS DETECTOR GNP-P-CH4



sensor made in Switzerland



Wiring diagram



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

www.omi.co.th

Omega Measuring Instrument Co., Ltd.

Tel : 02-105-4676

Fax : 02-903-0080 ext. 6867

Email : info@omi.co.th

Line : @omith

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 (CH₄)

Measuring type : Pipeline

Measuring range : 0...5/ 10/ 20/ 50/ 100 %vol

Accuracy : ±2 %FS

Resolution : 0.01/ 0.01/ 0.01/ 0.1/ 0.1 %vol

Sensor type : Nondispersive infrared sensor (NDIR)

Life expectancy : 5...10 years

Pre-Heating 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 (2-wire)

Power supply : 24 Vdc

Current consumption : 20...200 mA

Power consumption : ≤ 3W

Pipe connection : connection for tube I.D 4 mm

Body dimension : 195 x 178 x 90mm (H x L x D)

Weight : 1.65 kg

Body material : Cast aluminum

Electrical connection : M26 x P2.0

Explosion proof : Ex d IIC T6 Gb

Protection : IP65

