

Technical Data Sheet

GAS DETECTOR GNP-CO



sensor made in Switzerland



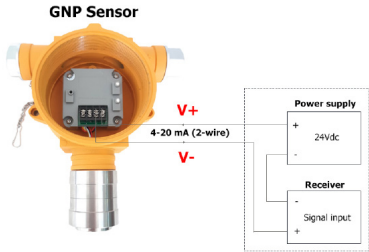
Features

- 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 Monoxide (CO)
Measuring type : Diffusion
Measuring range (ppm): 0...200/ 500/ 1000/ 2000/ 5000/ 10000/ 40000 ppm
Measuring range (%vol) : 0...5/ 10/ 20/ 50/ 100 %vol
Accuracy : ±2 %FS
Resolution (ppm) : 0.1/ 1/ 1/ 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 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

Wiring diagram



Ordering code

- GNP - CO -
- 200 : Range 0...200 ppm
 - 500 : Range 0...500 ppm
 - 1000 : Range 0...1000 ppm
 - 2000 : Range 0...2000 ppm
 - 5000 : Range 0...5000 ppm
 - 10000 : Range 0...10000 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

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

