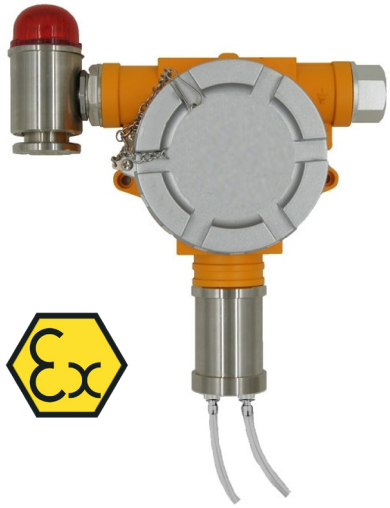
MEGA MEASURING INSTRUMENT

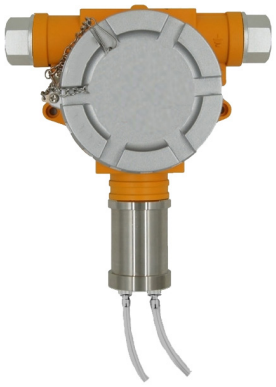
Technical Data Sheet

GAS DETECTOR

GNP-P-NO2

sensor made in Switzerland





Features

- High quality sensor of Membrapor brand from Switzerland
- Sound and light alarm, can be set at high and low point
- Good sealing, anti-corrosion, explosion-proof and anti EMI, RFI function
- Round casting stainless steel housing is suitable for off-shore platforms, as well as high temperature, high humidity and other harsh environments

Technical Data

Gas type : Nitrogen dioxide (NO_2)
Measuring type : Pipeline
Measuring range : 0...1/ 2/ 20/ 100/ 200/ 500/ 1000/ 5000 ppm
Accuracy : ±2 %FS
Resolution : 0.01/ 0.01/ 0.01/ 0.1/ 0.1/ 1/ 1 /1 ppm
Sensor type : Electrochemical
Life expectancy : 1...3 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
Power supply : 24 Vdc
Current comsumption : 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

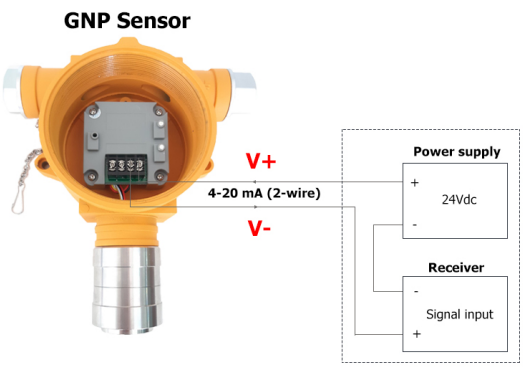
Ordering code

GNP - P - NO2 - ☐ - ☐

A : Alarm
N : None

1 : Range 0...1 ppm
2 : Range 0...2 ppm
20 : Range 0...20 ppm
100 : Range 0...100 ppm
200 : Range 0...200 ppm
500 : Range 0...500 ppm
1000 : Range 0...1000 ppm
5000 : Range 0...5000 ppm

Wiring diagram



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