

GAS DETECTOR GRI-CH4-P



sensor made in Switzerland



Features

- Three kind of signal output, RS485 and 4~20mA (three wire) digital / analog signal and switch at the same time
- Big screen segment type LCD real-time display gas concentration
- Gas concentration unit optional (such as ppm, mg/m3)
- It can be set high and low alarm point, two level sound and light alarm
- Two relay to control peripheral devices
- 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

Measuring type : Pipeline (Pump)
Sensor type : Nondispersive infrared sensor (NDIR)
Measuring range : 0...5/ 10/ 20/ 50/ 100 %VOL
Accuracy : ±2 %FS
Resolution : 0.01/ 0.01/ 0.01/ 0.1/ 0.1 %VOL
Life expectancy : 1...3 years
Body material : Cast aluminum
Electrical connection : M26 x P2.0
Explosion proof : Exd II CT6
Protection : IP65
Preheating time : 1 min
Alarm error : ±10% of set value
Operating temperature : -10...+40 °C
Operating humidity : 0...85 %RH
Operating pressure : 860...1060 hPa
Power supply : 24 Vdc
Current consumption : 20...200 mA
Power consumption : ≤ 3W
Signal output : 4-20 mA, RS485
Relay : SPST relay 2 channel (0.5 A/125 Vac or 1 A/30 Vdc)
Weight : 1200 g
Dimension : 195 x 178 x 90mm

Ordering code

GRI - CH4 - P - -

A : Alarm
N : None

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

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