

GAS DETECTOR

GIP-EX



sensor made in Switzerland



Features

- High quality sensor of Membrapor brand from Switzerland
- Big screen LCD real-time display gas concentration
- Sound and light alarm, can be set at high and low point
- 3-color display to indicate the alarm status
- 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

Gas type : (see table page 2)
Measuring type : Diffusion
Measuring range : 0...100 %LEL
Accuracy : ±2% of full scale
Resolution : 0.1 %LEL
Sensor type : Catalytic combustion
Life expectancy : 1...3 years
Preheating time : 60 sec
Operating temperature : -20...+60 °C
Operating humidity : 0...85 %RH
Operating pressure : 700...1300 mbar
Signal output : 4-20 mA (3-wire)
Relay output : 2 x Relay, 0.5A/125Vac or 1A/30Vdc
Power supply : 12...24 Vdc
Current consumption : 20...200 mA
Power consumption : ≤ 3W
Dimension : 195 x 178 x 90mm
Weight : 2.4 kg
Body material : Cast aluminum
Electrical connection : M26 x P2.0
Explosion proof : Ex d IIC T6 Gb
Protection : IP65

• Example



GIP - (gas type) - (range) - **A**
Gas detector **with alarm**



GIP - (gas type) - (range) - **N**
Gas detector **without alarm**



Ordering code

GIP - EX - -
 | |
 | |
A : Alarm
N : None
XX : (see table page 2)

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The Table of Frammable Gases

Code	Full name
00	Combustible gas
01	Acetone
02	Acetylene
03	Acrylonitrile
04	Allene
05	Ammonia
06	Benzene
07	1,3-Butadiene
08	Butane
09	n-Butanol
10	1-Butene
11	Cis-2-Butene
12	Trans-2-Butene
13	Butyl Acetate
14	Carbon Monoxide
15	Carbonyl Sulfide
16	Chlorotrifluoroethylene
17	Cumene
18	Cyanogen
19	Cyclohexane
20	Cyclopropane
21	Deuterium
22	Diborane
23	Dichlorosilane
24	Diethylbenzene
25	1,1-Difluoro-1-Chloroethane
26	1,1-Difluoroethane
27	1,1-Difluoroethylene
28	Dimethylamine
29	Dimethyl Ether
30	2,2-Dimethylpropane
31	Ethane
32	Ethanol
33	Ethyl Acetate
34	Ethyl Benzene
35	Ethyl Chloride
36	Ethylene
37	Ethylene Oxide
38	Gasoline

Code	Full name
39	Heptane
40	Hexane
41	Hydrogen
42	Hydrogen Cyanide
43	Hydrogen Sulfide
44	Isobutane
45	Isobutylene
46	Isopropanol
47	Methane
48	Methanol
49	Methylacetylene
50	Methyl Bromide
51	3-Methyl-1-Butene
52	Methyl Cellosolve
53	Methyl Chloride
54	Methyl Ethyl Ketone
55	Methyl Mercaptan
56	Methyl Vinyl Ether
57	Monoethylamine
58	Monomethylamine
59	Nickel Carbonyl
60	Pentane
61	Picoline
62	Propane
63	Propylene
64	Propylene Oxide
65	Styrene
66	Tetrafluoroethylene
67	Tetrahydrofuran
68	Toluene
69	Trichloroethylene
70	Trimethylamine
71	Turpentine
72	Vinyl Acetate
73	Vinyl Bromide
74	Vinyl Chloride
75	Vinyl Fluoride
76	Xylene

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