

Sensor Chlorine Gas

Article Number S29212001K
Order Code GE 710 CL2



KUNTZE Gas Sensors are amperometric sensors for the detection of chlorine gas.

The matching fitting GSH allows for an easy installation of the gas sensor.

Advantages of the Chlorine Gas Sensor

- Short response times
- High reliability
- Simple start-up due to printed calibration value

Measurement Parameter

Chlorine gas 0.. 10 ppm

Process conditions

Temperature -20.. +40 °C
 Storage +4.. 10 °C
 Humidity 15.. 90% rH (non condensating)
 Influence of Humidity No effect on the zero point

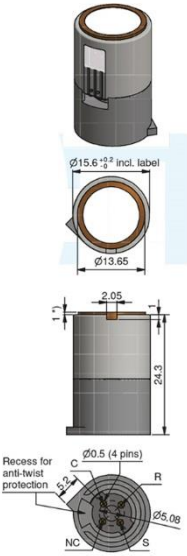
Cross Sensitivity chlorine gas sensor at 20 °C

Gas	Concentration	Value Read
Ammonia	100 ppm	0
Bromine	1 ppm	1,0
Carbon Dioxide	1 %	0
Chlorine Dioxide	1 ppm	0,5
Fluorine	0,1 ppm	0,4
Hydrogen	3000 ppm	0
Hydrogen Sulphide *	20 ppm	0
Nitrogen Dioxide	10 ppm	2,0
Ozone	0,25 ppm	0,5
Sulphur Dioxide	20 ppm	3,0

* Contact with H₂S poisons the sensor, subsequent contact with chlorine reactivates it.

The influencing factor can vary from sensor to sensor and over the life span of the individual sensor. No claim to completeness of the data, the sensors can potentially exhibit cross sensitivity to other gases.

Mechanical Drawing



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