

Sensor Ozone Gas

Article Number S29212002K
 Order Code GE 760 O3



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

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

Advantages of the Ozone Gas Sensor

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

Measurement Parameter

Chlorine gas 0.. 1 ppm

Process conditions

Temperature -20.. +40 °C
 Storage +4.. 10 °C

Humidity 15.. 90% rH (non condensating)

Influence of Humidity An abrupt change causes a shift of the zero point

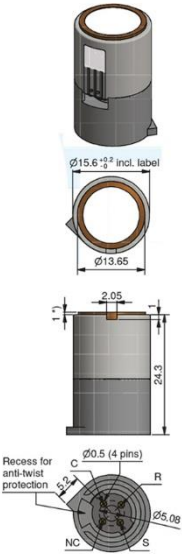
Cross Sensitivity chlorine gas sensor at 20 °C

Gas	Gas	Gas
Carbon Dioxide	5000 ppm	0
Carbin Monoxide	10 ppm	0
Chlorine	1 ppm	1,2
Chlorine Dioxide	1 ppm	1,5
Hydrazine	3 ppm	-3
Hydrogen	3000 ppm	0
Hydrogen Sulphide *	20 ppm	-1,6
Nitrogen	100 %	0
Nitrogen Dioxide	10 ppm	6

* Continuous contact to H₂S in ppm range for more than 30 minutes can blind the sensor.

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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