

## Zirkon® Gas ClO<sub>2</sub>

Kuntze Gas sensors are amperometric sensors for the detection of chlorine dioxide gas. The matching fitting Ne GSH allows for an easy installation of the gas sensor.

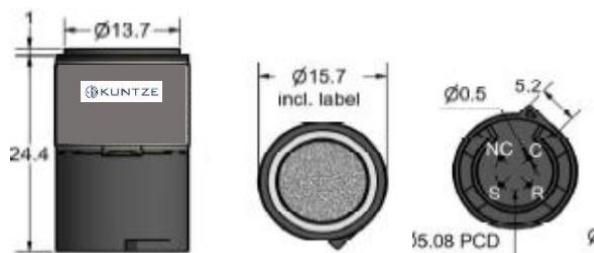
### Advantages

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

### Zirkon® Gas ClO<sub>2</sub>



### Mechanical Drawing



Artikelnummer: S2911011K

### Measurement Parameter

- > Chlorine Dioxide: 0.. 1 ppm\*  
\*Range of measurement device can deviate.
- > Baseline: ≤ 0.03 ppm

### Process Conditions

- > Response Time (T<sub>90</sub>): < 90 s
- > Temperature: -20.. +40 °C / -4..104 °F
- > Humidity: 15.. 90 % rH (non condensating)
- > Storage Life: 6 months in container at 4..10 °C / 39.2..50 °F
- > Influence of Humidity: No effect on the zero point
- > Air Pressure: 800-1200 hPa

### Cross Sensitivity & Filter

Gas concentration	Reading after 5 min
Carbon Monoxide 100 ppm	0 ppm
Chlorine 1 ppm	0.5 ppm*
Hydrogen Sulfide 20 ppm	-5 ppm (tbc)**
Hydrogen 3000 ppm	0 ppm
Isopropanol 600 ppm	0 ppm
Nitrogen Dioxide 10 ppm	6 ppm (tbc)
Ozone 0.25 ppm	0.15 ppm
Chemical Filter	None

Signals below baseline are started as 0  
tbc = to be confirmed

\*1 to 5 ppm chlorine may be used for cross calibration (tbc)

\*\* Continuous exposure at ppm level might 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.



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