

## Zirkon® Gas O<sub>3</sub>

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

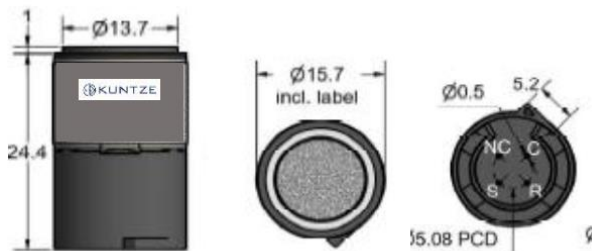
### Advantages

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

### Zirkon® Gas O<sub>3</sub>



### Mechanical Drawing



Article No.: S29111002K

### Measurement Parameter

- > Ozone Gas: 0.. 1 ppm\*  
\*Range of measurement device can deviate.
- > Baseline: ≤ 0.04 ppm

### Process conditions

- > Response Time (T<sub>90</sub>): < 60 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.. +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	1.2 ppm (tbc)
Hydrogen Sulfide 20 ppm	-1.6 (tbc)*
Hydrogen 3000 ppm	0 ppm
Isopropanol 600 ppm	0 ppm
Nitrogen Dioxide 10 ppm	6 ppm (tbc)
Chlorine Dioxide 1 ppm	1.5 ppm (tbc)
Chemical Filter	None

Signals below baseline are stated as 0

tbc = to be confirmed

\* 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.



**Kuntze Instruments GmbH**

Robert-Bosch-Str. 7a  
40688 Meerbusch  
Germany

+49 2150 70660  
info@kuntze.com  
www.kuntze.com