

Zirkon® Gas O₃

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

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Article No.: 29111002K

Measurement Parameter

- > Ozone Gas: 0.. 5 ppm*
*Range of measurement device can deviate.

Process conditions

- > Temperature: -20 +50 °C (4..122 °F)
- > Humidity: 15.. 90 % rH (non condensating)
- > Storage Life: 6 months in container at +4..10 °C
- > Influence of Humidity: No effect on the zero point

Cross Sensitivity Ozone gas sensor at 20 °C

Gas	Concentration	Value Read
Carbon Monoxide	300 ppm	0
Sulfure Dioxide	5 ppm	0
Nitrogen Monoxide	35 ppm	0
Hydrogen	300 ppm	0
Nitrogen Dioxide	20 ppm	~10
Hydrogen Sulfide (H ₂ S) *		ND
Ethylene	100 ppm	0
Chlorine	5 ppm	~4

* Contact with H₂S poisons the sensor, subsequent contact with ozone 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.



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