

# GE 760 O3

gas sensor

- Amperometric 3 electrode sensor element
- Fast response
- High reliability



## applications



Environmental Monitoring



Ambient Air Monitoring



Drinking Water / Beverages

## description

Sensor for measuring Ozone gas

## technical data

### measuring parameter

Ozone Gas 0 .. 1 ppm (K 100 (W) GAS)

### ambient conditions

temperature -20 .. +40 °C

humidity 10 .. 90 % rH (non-condensing)

effect of humidity An abrupt change of rH will cause a short term drift of zero reading



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## gas sensor

Cross sensitivities at 20°C

gas	concentration	reading (ppm)
carbon dioxide	5000 ppm	0
carbon monoxide	10 ppm	0
chlorine	1 ppm	1,2
chlorine dioxide	1 ppm	1,5
hydrazine	3 ppm	-3
hydrogen	3000 ppm	0
hydrogen sulfide	20 ppm	-1,6 <small>continuous exposure at ppm level over more than 30 minutes might blind the sensor</small>
nitrogen	100%	0
nitrogen dioxide	10 ppm	6

Interference factors may differ from sensor to sensor and with life time. This table does not claim to be complete. The sensor might also be sensitive to other gases

## accessories

### assemblies

GSH

Gas sensor holder for one sensor of the GE 700 series including 10 m cable.

