

Ozone 0.05/b

Order No. 67 33 181

Application Range

Standard Measuring Range:	0.05 to 0.7 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 3 min
Standard Deviation:	± 10 to 15 %
Color Change:	pale blue → white

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	2 to 30 mg H ₂ O / L

Reaction Principle



Cross Sensitivity

No interference by:

1 ppm sulfur dioxide

1 ppm chlorine

1 ppm nitrogen dioxide

Higher concentrations of chlorine and nitrogen dioxide discolor the indicating layer a diffuse white to pale grey.

Extension of the Measuring Range

Using $n = 5$, multiply the reading by 2; the measuring range will be 0.1 to 1.4 ppm. Using $n = 100$, divide the reading by 10; the range of measurement is 0.005 to 0.07 ppm.

