Sulfur Dioxide 0.1/a

Order No. 67 27 101

Application Range

Standard Measuring Range:0.1 to 3 ppmNumber of Strokes n:100Time for Measurement:approx. 20 minStandard Deviation:± 10 to 15 %Color Change:yellow → orange

Ambient Operating Conditions

| Temperature: | 10 to 30 °C |
|--------------------|---------------------------------|
| Absolute Humidity: | 3 to 15 mg $\rm H_2O$ / $\rm L$ |

Reaction Principle

 $SO_2 + Na_2[HgCl_4] + methyl red \rightarrow Na_2[Hg(SO_3)_2] + 4 HCl$

Cross Sensitivity

It is impossible to measure sulfur dioxide in the presence of other acidic gases.

