Sulfur Dioxide 0.5/a

Order No. 67 28 491

Application Range

Standard Measuring Range: 1 to 25 ppm / 0.5 to 5 ppm

Number of Strokes n: 10 / 20

Time for Measurement: approx. 3 min / approx. 6

min

Standard Deviation: ± 10 to 15 %

Color Change: grey blue → white

Ambient Operating Conditions

Temperature: 15 to 30 °C

Absolute Humidity: max. 20 mg H₂O / L

Reaction Principle

 $SO_2 + I_2 + 2 H_2O \rightarrow H_2SO_4 + 2 HI$

Cross Sensitivity

Measurement is not possible in the presence of H_2S . Nitrogen dioxide will shorten the reading.

