Sulfur Dioxide 1/a

Order No. CH 31 701



Application Range

Standard Measuring Range: 1 to 25 ppm

Number of Strokes n: 10

Time for Measurement: approx. 3 min Standard Deviation: \pm 10 to 15 %

Color Change: grey blue → white

Ambient Operating Conditions

Temperature: 15 to 25 °C

Absolute Humidity: 3 to 20 mg H_2O / L

Reaction Principle

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

Cross Sensitivity

Hydrogen sulfide in the TLV range is retained in the pre-layer and does not interfere. Nitrogen dioxide will shorten the reading.

