Н

Hydrogen Sulfide 0.2%/A

Order No. CH 28 101

Application Range

Standard Measuring Range: 0.2 to 7 vol. %

Number of Strokes n: 1 + 2 desorption strokes in

clean air

Time for Measurement: approx. 2 min
Standard Deviation: ± 5 to 10 %

Color Change: pale blue → black

Ambient Operating Conditions

Temperature: 0 to 60 °C

Absolute Humidity: max. 40 mg H₂O / L

Reaction Principle

 $H_0S + Cu^{2+} \rightarrow CuS + 2 H^+$

Cross Sensitivity

In the presence of sulfur dioxide, the indicating layer can change to a yellowish color, but the hydrogen sulfide measurement is not affected. Comparable concentrations of mercaptan will interfere with the reading.



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