# Carbon Disulfide 3/a

Order No. 81 01 891

## Application Range

Standard Measuring Range: 3 to 95 ppm

Number of Strokes n: 15 to 1

Time for Measurement: max. 2 min

Standard Deviation: ± 30 %

Color Change: pale blue → yellow green

#### **Ambient Operating Conditions**

Temperature: 0 to 40 °C

Absolute Humidity: < 30 mg H<sub>2</sub>O / L

## Reaction Principle

2 CS<sub>2</sub> + 4 NHR<sub>2</sub> + Cu<sup>2+</sup> → Cu (SCSNR<sub>2</sub>)<sub>2</sub> + 2 NH<sub>2</sub>R<sub>2</sub><sup>+</sup>

# Cross Sensitivity

Hydrogen sulfide in the TLV range is retained in the pre-layer and does not interfere.

