Carbon Disulfide 3/a

Order No. 81 01 891



 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 $_2$ O / L

Reaction Principle

 $2 CS_2 + 4 NHR_2 + Cu^{2+} \rightarrow Cu (SCSNR_2)_2 + 2 NH_2R_2^+$

Cross Sensitivity

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

