

# Hydrogen Sulfide 1/d

Order No. 81 01 831

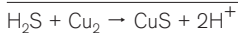
## Application Range

Standard Measuring Range:	10 to 200	/ 1 to 20 ppm
Number of Strokes n:	1	/ 10
Time for Measurement:	approx. 1 min	/ approx. 10 min
Standard Deviation:	± 15 %	
Color Change:	white → brown	

## Ambient Operating Conditions

Temperature:	2 to 40 °C
Absolute Humidity:	max. 40 mg H <sub>2</sub> O / L

## Reaction Principle



## Cross Sensitivity

500 ppm hydrochloric acid, 500 ppm sulfur dioxide, 500 ppm ammonia or 100 ppm arsine do not interfere with the reading. Methyl mercaptan and ethyl mercaptan change the entire indicating layer to a pale yellow. When mixed with hydrogen sulfide, the reading is extended by approx. 30%.

