

# Hydrogen Sulfide 0.2/b

Order No. 81 01 991

H

## Application Range

Standard Measuring Range:	0.2 to 6 ppm
Number of Strokes n:	1
Time for Measurement:	approx. 55 s
Standard Deviation:	± 15 to 20 %
Color Change:	yellow → pink

## Ambient Operating Conditions

Temperature:	15 to 40 °C
In case of temperature between 0 °C and 10 °C, the reading has to be multiplied by 1.5; standard deviation: ± 30%.	
Absolute Humidity:	max. 20 mg H <sub>2</sub> O / L

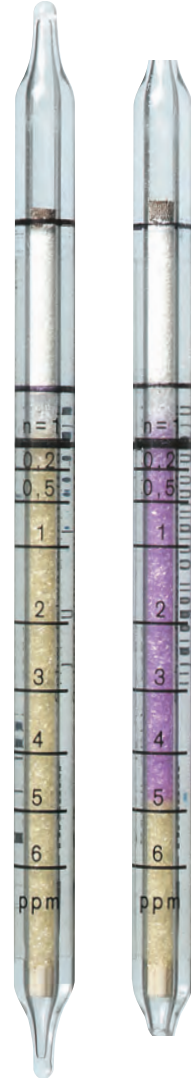
## Reaction Principle



HCL + pH indicator → pink reaction product

## Cross Sensitivity

Up to 1000 ppm, sulfur dioxide has no influence on the reading. Within the range of their TLV, mercaptanes, arsine, phosphine and nitrogen dioxide are also indicated, however, with differing sensitivity. Within its TLV, hydrogen cyanide changes the color of the entire indicating layer to a light orange. The reading of hydrogen sulfide is not affected.



ST-127-0001