## Hydrogen Sulfide 2/b

Order No. 81 01 961

Application Range

Standard Measuring Range:	2 to 60 ppm
Number of Strokes n:	1
Time for Measurement:	approx. 30 s
Standard Deviation:	± 5 to 10 %
Color Change:	white → pale brown

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	max. 20 mg H <sub>2</sub> O / L

## Reaction Principle

H <sub>o</sub> S + Ph <sup>2+</sup> →	PhS + 2 H+	

## Cross Sensitivity

Hydrochloric acid, mercaptan and sulfur dioxide in the TLV range does not interfere.

## Extension of the Measuring Range

Using n = 2, divide the reading by 2; the measuring range will be 1 to 30 ppm.



