Hydrogen Sulfide 0.2/a

Order No. 81 01 461

Application Range

Standard Measuring Range:	0.2 to 5 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 5 min
Standard Deviation:	\pm 5 to 10 %
Color Change:	white → pale brown

Temperature:	10 to 30 °C
Absolute Humidity:	3 to 15 mg $\rm H_2O$ / L

Reaction Principle

$$H_2S + Pb^{2+} \rightarrow PbS + 2 H^+$$

Cross Sensitivity

Sulfur dioxide and hydrochloric acid in the TLV range do not interfere.



