## Hydrogen Sulfide 2%/a

Order No. 81 01 211

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Ap	plication	Range

Standard Measuring Range:	2 to 40 Vol%
Number of Strokes n:	1
Time for Measurement:	approx. 1 min
Standard Deviation:	± 5 to 10 %
Color Change:	pale blue $\rightarrow$ black

## Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	3 to 20 mg H $_{\rm 2}$ O / L

## **Reaction Principle**

 $\overline{\mathrm{H}_{2}\mathrm{S}+\mathrm{Cu}^{2+}\rightarrow\mathrm{Cu}\mathrm{S}+2\ \mathrm{H}^{+}}$ 

## Cross Sensitivity

No	interference	by:
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5,000 ppm sulfur dioxide 1,000 ppm hydrochloric acid 1,000 ppm ethyl mercaptan



