

## Hydrogen Sulfide 10/a-D

Order No. 67 33 091

### Application Range

Standard Range	Measurement Time
10 to 300 ppm	1 h
5 to 150 ppm	2 h
2.5 to 75 ppm	4 h
1.3 to 40 ppm	8 h

Standard Deviation  $\pm 20$  to 25 %

Color Change white  $\rightarrow$  brown

### Ambient Operating Conditions

Temperature: 0 to 40 °C

Absolute Humidity < to 15 mg H<sub>2</sub>O / L

### Reaction Principle



### Cross Sensitivity

50 ppm Hydrochloric acid does not interfere.

In the presence of 50 ppm ammonia for 2 hours, the hydrogen sulfide indication will show minus errors of about 20%.

The influence of chlorine and nitrogen dioxide in the TLV range is negligible, but higher concentrations lead to minus errors.

The influence of sulfur dioxide in the TLV range is also negligible, but higher concentrations lead to plus errors.

