Hydrogen Sulfide 5/b

Catalog No CH29801

Standard Measuring Range: 50 to 60 ppm

Number of Strokes (n): 10

Time for Measurement: about 4 minutes

Standard Deviation: ± 5 to 10%
Color Change: white to brown

Ambient Operation Conditions

Temperature: 0 to 60°C

Absolute Humidity: $> 40 \text{ mg H}_2\text{O/L}$

Reaction Principle

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

Cross Sensitivity

Sulfur dioxide can cause plus errors of up to 50%. Sulfur dioxide alone does not discolor the indicating layer.

Extension of the Measuring Range

Using n=1, multiply the reading by 10; the range of measurement is 50 to 600 ppm.



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