Carbon Dioxide 1%/a

Catalog No CH25101

Standard Measuring Range: 1 to 20 Vol %

Number of Strokes (n): 1

Time for Measurement: about 30 seconds

Standard Deviation: ± 5 to 10%

Color Change: white to pale violet to blue violet

Ambient Operation Conditions

Temperature: 0 to 40°C

Absolute Humidity: max 40 mg H₂O/L

Reaction Principle

 $CO_2 + N_2H_4 \longrightarrow NH_2-NH-COOH$

Cross Sensitivity

Hydrogen sulfide in the TLV range do not interfere.

In a range comparable to the calibrated range for carbon dioxide, sulfur dioxide is indicated. The sulfur dioxide sensitivity is approximately 1/3 (e.g. 6 Vol% sulfur dioxide gives an indication of 2 Vol %)



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