## Carbon Dioxide 1%/a

Order No. CH 25 101

Application Range

Standard Measuring Range: 1 to 20 vol. %

Number of Strokes n:

Time for Measurement: approx. 30 s
Standard Deviation:  $\pm 5$  to 10 %
Color Change: white  $\rightarrow$  violet

## **Ambient Operating Conditions**

Temperature: 0 to 40 °C Absolute Humidity: max. 40 mg  $H_2O$  / L

## Reaction Principle

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

## Cross Sensitivity

Hydrogen sulfide in the TLV range does not interfere. In a range comparable to the calibrated range for carbon dioxide, sulfur dioxide is indicated. The sulfur dioxide sensitivity is approximately <sup>1</sup>/<sub>3</sub> (e.g. 6 vol. % sulfur dioxide gives an indication of 2 vol. %).





Northside Sales, Co.

Safety & Industrial Products

800-467-9005

ST-55-2001