

Carbon Dioxide 1%/a

Order No. CH 25 101

C

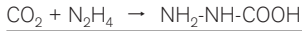
Application Range

Standard Measuring Range:	1 to 20 Vol.-%
Number of Strokes n:	1
Time for Measurement:	approx. 30 s
Standard Deviation:	± 5 to 10 %
Color Change:	white to pale violet → blue violet

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	max. 40 mg H ₂ O / L

Reaction Principle



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 $\frac{1}{3}$ (e.g. 6 Vol.% sulfur dioxide gives an indication of 2 Vol.%).



ST-55-2001