

# Carbon Dioxide 100/a-P

Order No. 67 28 521

## Application Range

Standard Measuring Range:	100 to 3,000 ppm
Test Volume:	1 L
Flow Rate:	0,2 L / min
Time for Measurement:	approx. 5 min
Standard Deviation:	± 10 to 15 %
Color Change:	white → violet

## Ambient Operating Conditions

Temperature:	15 to 25 °C
Absolute Humidity:	max. 23 mg H <sub>2</sub> O / L
Pressure:	The tube may only be used for depressurized compressed air

## Reaction Principle

$\text{CO}_2 + \text{N}_2\text{H}_4 \rightarrow \text{NH}_2\text{-NH-COOH}$  Crystal violet

## Cross Sensitivity

Hydrogen sulfide and sulfur dioxide in the TLV range are not indicated.

