

# Phosphine 0.01/a

Order No. 81 01 611

## Application Range

Standard Measuring Range:	0.1 to 1.0 ppm	/ 0.01 to 0.3 ppm
Number of Strokes n:	3	/ 10
Time for Measurement:	approx. 2.5 min	/ approx. 8 min
Standard Deviation:	$\pm 10$ to 15 %	
Color Change:	yellow $\rightarrow$ red	

## Ambient Operating Conditions

Temperature:	2 to 40 °C
Absolute Humidity:	< 20 mg H <sub>2</sub> O / L

## Reaction Principle



## Cross Sensitivity

Arsine is indicated with different sensitivity. Up to 6 ppm sulfur dioxide or 15 ppm hydrochloric acid does not interfere, but higher concentrations cause plus errors. More than 100 ppm ammonia leads to minus errors. 30 ppm hydrocyanic acid does not affect the 3 stroke test, but with the 10 stroke test minus errors of up to 50 % can occur.

