

# Phosphine 1/a

Order No. 81 01 801

## Application Range

Standard Measuring Range:	10 to 100	/ 1 to 20 ppm
Number of Strokes n:	2	/ 10
Time for Measurement:	approx. 2 min	/ approx. 10 min
Standard Deviation:	± 15 to 20 %	
Color Change:	yellow → dark-brown	

## Ambient Operating Conditions

Temperature:	5 to 40 °C
Absolute Humidity:	max. 30 mg H <sub>2</sub> O / L

## Reaction Principle

$\text{PH}_3 + \text{Au}^{3+} \rightarrow \text{Au}$  (colloidal)

## Cross Sensitivity

Ammonia, hydrogen chloride, hydrogen sulfide and mercaptans are retained in the prelayer. Arsine and stibine are also indicated, however, with less sensitivity.



*Northside Sales, Co.*

Safety & Industrial Products

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