# Phosphine 1/a Order No. 81 01 801

#### **Application Range**

Standard Measuring Range:
Number of Strokes n:
Time for Measurement:
Standard Deviation:
Color Change:

20 to 100 / 1 to 20 ppm 2 / 10 approx. 2 min / approx. 10 min ± 15 to 20 % yellow → dark-brown

## Ambient Operating Conditions

Temperature:	
Absolute Humidity:	

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

## **Reaction Principle**

 $PH_3 + Au^{3+} \rightarrow Au$  (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.



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