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 $\rm H_2O$ / L

Reaction Principle

 $PH_3 + Au^{3+} \rightarrow Au \text{ (colloidal)}$

Cross Sensitivity

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







51-111-2001