

Phosgene 0.02/a

Order No. 81 01 521

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Application Range

Standard Measuring Range:	0.02 to 1 ppm	/ 0.02 to 0.6 ppm
Number of Strokes n:	20	/ 40
Time for Measurement:	approx. 6 min	/ approx. 12 min
Standard Deviation:	± 10 to 15%	
Color Change:	white \rightarrow red	

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle

$\text{COCl}_2 + \text{aromatic amine} \rightarrow \text{red reaction product}$

Cross Sensitivity

Chlorine and hydrochloric acid lead to plus errors and, at higher concentrations, to bleaching of the indicating layer. Concentrations of phosgene above 30 ppm will also lead to bleaching of the indicating layer.

Additional Information

High concentrations of phosgene will be not indicated!

