

Ammonia 2/a

Order No. 67 33 231

Application Range

Standard Measuring Range:	2 to 30 ppm
Number of Strokes n:	5
Time for Measurement:	approx. 1 min
Standard Deviation:	± 10 to 15 %
Color Change:	yellow → blue

Ambient Operating Conditions

Temperature:	10 to 50 °C
Absolute Humidity:	< 20 mg H ₂ O / L

Reaction Principle

$\text{NH}_3 + \text{pH indicator} \rightarrow \text{blue reaction product}$

Cross Sensitivity

Other basic substances such as e.g. organic amines are indicated as well.

The indication is not affected by:

- 300 ppm nitrous fumes
- 2,000 ppm sulfur dioxide
- 2,000 ppm hydrogen sulfide

