

Ammonia 5/a

Order No. CH 20 501

Application Range

Standard Measuring Range:	5 to 70 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 1 min
Standard Deviation:	± 10 to 15 %
Color Change:	yellow orange → blue

Ambient Operating Conditions

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

Reaction Principle

NH₃ + pH indicator → 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

Extension of the Measuring Range

Using n= 1 stroke, multiply the reading by 10; the measuring range will be 50 to 700 ppm.



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