

Ammonia 20/a-D

Order No. 81 01 301

Application Range

Standard Rang	Measurement Time
20 to 1,500 ppm	1 h
10 to 750 ppm	2 h
4 to 300 ppm	5 h
2.5 to 200 ppm	8 h

Standard Deviation ± 15 to 20 %Color Change yellow \rightarrow blue

Ambient Operating Conditions

Temperature: 0 to 40 °C

Absolute Humidity 1 to 16 mg H₂O / L

Reaction Principle

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

Cross Sensitivity

Other basic reacting compounds are also indicated. It is impossible to measure ammonia in the presence of other basic gases.

