

# Ammonia 0.5%/a

Catalog No CH31901

**Standard Measuring Range:** 0.5 to 10 Vol %  
**Number of Strokes (n):** 1 + 1 desorption stroke in clean air  
**Time for Measurement:** 10 seconds per stroke  
**Standard Deviation:**  $\pm 10$  to 15%  
**Color Change:** yellow to violet

## Ambient Operation Conditions

**Temperature:** 10 to 30°C  
**Absolute Humidity:** < 3 to 12 mg H<sub>2</sub>O/L

## Reaction Principle

NH<sub>3</sub> + pH indicator  $\longrightarrow$  violet reaction product

## Cross Sensitivity

This tube indicates other basic gases, (e.g. organic amines).

## Extension of the Measuring Range

Using n=10, divide the reading by 10; the range of measurements is 0.05 to 1 Vol%.



# Dräger

Manufactured by Draeger Safety

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