# lodine 0.1/a

Order No. 81 03 521

## Application Range

Standard Measuring Range: 0.1 to 0.6 ppm / 1 to 5 ppm

Number of Strokes n: 5 / 1

Time for Measurement: approx. 5 min / approx. 1 min

Standard Deviation:  $\pm$  15 to 20 % Color Change:  $\pm$  yellow  $\rightarrow$  pink

#### **Ambient Operating Conditions**

Temperature: 15 to 40 °C

Absolute Humidity:  $\leq$  20 mg H<sub>2</sub>O / L

## Reaction Principle

I<sub>2</sub> + HgCl<sub>2</sub> → Hgl<sub>2</sub> + Cl<sub>2</sub>

Cl<sub>2</sub> + Indicator → pink reaction product

# Cross Sensitivity

Mercaptans, arsine, phosphine and nitrogen dioxide are displayed with varying sensitivities. 10 ppm hydrocyanic acid changes the color of the entire indicating layer to a light orange.



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