# Toluene 5/b

Order No. 81 01 661

#### Application Range

Standard Measuring Range: 50 to 300 ppm / 5 to 80 ppm

Number of Strokes n: / 10

Time for Measurement: approx. 2 min / approx. 10

min

Standard Deviation: ± 10 to 15 %

Color Change: white → pale brown

### **Ambient Operating Conditions**

2 to 40 °C Temperature:

Absolute Humidity: max. 20 mg H<sub>2</sub>O / L

## Reaction Principle

Toluene +  $I_2O_5$  +  $H_2SO_4 \rightarrow I_2$ 

### Cross Sensitivity

10 ppm phenol, 1,000 ppm acetone, 1,000 ppm ethanol and 300 ppm octane are not indicated, xylene (all isomers) and benzene are indicated with the same sensitivity. The discoloration in the presence of p-xylene is violet, and yellowish-green with benzene.



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