## Petroleum Hydrocarbons 100/a

Order No. 67 30 201

Application Range	
Standard Measuring Range:	100 to 2,500 ppm
	for n-octane.
Number of Strokes n:	2
Time for Measurement:	approx. 30 s
Standard Deviation:	± 10 to 15 %
Color Change:	white → green

## Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	< 30 mg $\rm H_2O$ / L

## **Reaction Principle**

C <sub>8</sub> H <sub>18</sub>	+	0	$\rightarrow$	
081 18		$1_{2} \cup 5$		12

## **Cross Sensitivity**

Many other petroleum hydrocarbons are indicated as well, but with different sensitivities. It is impossible to differentiate between them. Aromatics are indicated, but only with low sensitivities. Carbon monoxide is indicated in comparable concentrations with about half the sensitivity.



