

# Hydrocarbons 2/a

Order No. 81 03 581

## Application Range

Standard Measuring Range:	2 to 24 mg / L
Number of Strokes n:	3
Time for Measurement:	approx. 5 min
Standard Deviation:	± 25 %
Color Change:	orange → brown-green

## Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	1 to 25 mg H <sub>2</sub> O / L

## Reaction Principle

$$\text{C}_8\text{H}_{18} + \text{Cr}^{6+} \rightarrow \text{Cr}^{3+} + \text{div. oxidation products}$$

## Cross Sensitivity

The information regarding cross sensitivity only applies for measurements with a maximum of 3 strokes. Paraffinic and aromatic hydrocarbons are indicated as a whole. Differentiation is not possible. Aromatic hydrocarbons (benzene, toluene) are also displayed. Their concentration in the mixture should not exceed 20%. There is no fault caused on the display by < 1000 ppm CO.

## Additional Information

A maximum of 15 strokes within 1 hour can be performed for leakage measurements (qualitative measurements).



*Northside Sales, Co.*

Safety & Industrial Products

800-467-9005