

Hydrocarbons 2

Catalog No CH25401

Standard Measuring Range: 3 to 23 mg hydrocarbon/L
Number of Strokes (n): 24 to 3
Time for Measurement: about 5 minutes
Standard Deviation: ± 30 to 40%
Color Change: pale yellow to brown

Ambient Operation Conditions

Temperature: 0 to 35°C
Absolute Humidity: < 3 to 15 mg H₂O/L

Reaction Principle

$C_8H_{18} + SeO_2 \longrightarrow$ brown reaction product

Cross Sensitivity

Aliphatic and aromatic hydrocarbons are indicated. It is impossible to differentiate them.

Aromatic hydrocarbons (e.g. benzene, toluene) produce a reddish color in the indication layer, the aromatic content of a mixture should not exceed 50%.

Carbon monoxide in the TLV range does not interfere.

Additional Information

The standard deviation is valid for hydrocarbon mixtures with boiling points in the range of 50°C to 200°C and in technical gases, (e.g. extraction benzene and carburetor fuels).



Dräger

Manufactured by Draeger Safety

Distributed by AFC International, Inc.

PO Box 894

DeMotte, IN 46310

800.952.3293 • 219.987.6825 • fax 219.987.6826

www.afcintl.com • sales@afcintl.com