Hydrocarbons 0.1%/b

Catalog No CH26101

Standard Measuring Range: 0.5 to 1.3 Vol% Propane

0.1 to 0.8 Vol % Butane

Number of Strokes (n): 15 to 7 Propane

15 to 3 Butane

Time for Measurement: maximum 3 minutes

Standard Deviation: ± 30 to 40%

Color Change: white to brown gray

Ambient Operation Conditions

Temperature: 0 to 40°C

Absolute Humidity: < 3 to 15 mg H₂O/L

Reaction Principle

 $C_3H_8/C_4H_{10} + IO_2 \longrightarrow I_2$

Cross Sensitivity

Methane and ethane are not indicated.

Many petroleum hydrocarbons are indicated, but with different sensitivities. It is impossible to differentiate them.

Hydrocarbons with double bonds are indicated.

Acetylene and ethylene are indicated, but with different discolorations and sensitivities.

Carbon monoxide is indicated with a green color, but a different sensitivity.



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