Part Number: 8103581 Replaces: CH25401

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 → blue green

Ambient Operating Conditions

Temperature:

0 to 40 °C

Absolute Humidity:

1 to 25 mg H_2O / L

Reaction Principle

 $C_8H_{18} + Cr^{6+} \rightarrow Cr^{3+} + div.$ 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).

