

Information Data Sheet

Detector Tube Hydrocarbon – 0.1%

Part No. (US): D7086891

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1. Application

Detection of Propane and Butane in air or in technical gases.

2. Detector Tube Sampling Pump

KWIK DRAW Pump, Gas-Tester IIH, Gas-Tester I / ThumbPump-Sampler, Toximeter III, or other suitable detector tubes pumps. Observe respective instructions for use.

3. Measuring Range

0.1 to 1.3 % Propane at n=1 (1 stroke).

0.1 to 1.3 % Butane at n=1 (1 stroke).

0.1 to 1.3 % Propane + Butane mixture (1:1) at n=1 (1 stroke).

4. Chemical Reaction and Color Change

Oxidation of Propane/ Butane by a chromate/sulphuric acid agent.

Color change: Greenish brown → Pear green



5. Ambient Conditions During Sampling

Detector tubes can be used between 0 °C and 40 °C (32 °F and 104 °F) and up to 90% RH (46 g/m³ at 40 °C [104 °F]).

6. Interferences and Cross Sensitivities

Substances that can be oxidised by iodine will be indicated. The sensitivity of indication may vary.

Manufactured By:

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