

Benzene 0.25/a

Order No. 81 03 691

A

Application Range

Standard Measuring Range:	0.25 to 2 ppm / 2 to 10 ppm
Number of Strokes n:	5 / 1
Time for Measurement:	approx. 5 min / approx. 1 min
Standard Deviation:	± 15 %
Color Change:	light grey → dark grey to black

Ambient Operating Conditions

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

Reaction Principle

Benzene + Alu⁺ → dark grey to black reaction product

Cross Sensitivity

Up to a concentration of approx. 40 ppm (n=5) and 200 ppm (n=1), toluene, xylene and ethyl benzene are kept in the pre-layer where they cause a brown discolouration. 800 ppm n-octane (n=5) and 4000 ppm n-octane (n=1) do not cause any discolouration in the indicating layer.

