

Carbon Monoxide 5 - 150 ppm

Order Code
64 06 080

Measuring Range : 5 to 150 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 80 s at 150 ppm
approx. 150 s at 30 ppm
approx. 300 s at 5 ppm
approx. 210 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature : not necessary

Humidity : 1 to 50 mg/L (corresp. 2 to 98 % r.h. at 40°C)

Correction of Humidity : not necessary

Air Pressure : 700 to 1100 hPa

Correction of Air Pressure : not necessary

Accuracy : $\pm 12\%$ of the measured value over the measurement range,
e.g.
 ± 0.6 ppm at 5 ppm
 ± 3.0 ppm at 25 ppm

Reproducibility : $\pm 10\%$ (Standard Deviation)

Cross Sensitivity

No influence at 25 ppm CO by

≤ 1000 ppm butane, ≤ 300 ppm hydrogen sulphide,

≤ 1000 ppm propane, ≤ 100 ppm sulfur dioxide,

≤ 500 ppm n-octane, ≤ 15 ppm nitrogen dioxide.

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 25 ppm carbon monoxide in laboratory conditions, a flushing time of 1 minute was determined.