
Water Vapor 0.4 - 10 mg/L

Order Code
64 06 450

Measuring Range : 0.4 to 10 mg/L (at 20 °C)

Measuring Time : approx. 20 s at 10 mg/L
approx. 50 s at 2 mg/L
approx. 120 s at 0.4 mg/L
approx. 80 s at 0 mg/L

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature

: 0 to 19 °C → + 3 %/ °C
21 to 40 °C → - 1 %/ °C
% of measured value over the measurement range.

Air Pressure : 700 to 1100 hPa

Correction of Air Pressure

: not necessary

Accuracy : ± 8 % of the measured value over the measurement range,
e.g.
± 0.03 mg/L at 0.4 mg/L
± 0.8 mg/L at 10 mg/L

Reproducibility : ± 10 % (Standard Deviation)

Cross Sensitivity

Acid and basic gases cause plus errors.

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 0.4 mg H₂O/L in laboratory conditions, a flushing time of 1 minute was determined.