

Water Vapor 0.1/a

Order No. 81 01 321



Application Range

Standard Measuring Range:	0.1 to 1.0 mg/L
Number of Strokes n:	3
Time for Measurement:	approx. 1.5 min
Standard Deviation:	± 15 to 20 %
Color Change:	yellow → blue

Ambient Operating Conditions

Temperature:	0 to 30 °C
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Reaction Principle

$\text{H}_2\text{O} + \text{Mg}(\text{ClO}_4)_2 \rightarrow \text{blue reaction product}$

Cross Sensitivity

Generally basic substances cause plus errors and acidic substances cause minus errors.

No interference by:

1,200 ppm nitrogen dioxide

6,000 ppm sulfur dioxide

2,000 ppm ethanol

2,000 ppm acetone

Additional Information

The first scale mark corresponds to 0.05 mg H_2O / L



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