

Water Vapor 1/b

Catalog No 8101781

Standard Measuring Range: 20 to 40 mg/L / 1 to 15 mg/L
Number of Strokes (n): 1 / 2
Time for Measurement: about 20 seconds / about 40 seconds
Standard Deviation: ± 15 to 20%
Color Change: yellow to turquoise blue

Ambient Operation Conditions

Temperature: 0 to 50°C
Absolute Humidity: up to 100% rh. Condensation in the tube causes measurement errors! If high rh (in excess of 80%) is to be expected, the temperature of the tube should be at least 5°C higher than ambient temperature. given a rh below 80%, the temperature of the tube should be at least equal to the ambient temperature.

Reaction Principle

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

Cross Sensitivity

Acid gases are liable to cause plus errors.

Basic gases are liable to cause minus errors.



Dräger

Manufactured by Draeger Safety

Distributed by AFC International, Inc.

PO Box 894

DeMotte, IN 46310

800.952.3293 • 219.987.6825 • fax 219.987.6826

www.afcintl.com • sales@afcintl.com