

# Water Vapor 0.1/a

Catalog No 8101321

**Standard Measuring Range:** 0.1 to 1.0 mg/L  
**Number of Strokes (n):** 3  
**Time for Measurement:** about 1.5 minutes  
**Standard Deviation:** ± 15 to 20%  
**Color Change:** yellow to blue

## Ambient Operation Conditions

**Temperature:** 0 to 30°C

## Reaction Principle

a)  $\text{H}_2\text{O} + \text{Mg}(\text{ClO}_4)_2 \longrightarrow$  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
- 3,000 ppm hydrogen sulfide
- 2,000 ppm ethanol
- 2,000 ppm acetone

## Additional Information

The first scale mark corresponds to 0.05 mg H<sub>2</sub>O/L.



# Dräger

Manufactured by Draeger Safety

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PO Box 894

DeMotte, IN 46310

800.952.3293 • 219.987.6825 • fax 219.987.6826

www.afcintl.com • sales@afcintl.com