Water Vapor 3/a

Order No. 81 03 031

Application Range

Standard Measuring Range:	3.0 bis 60 lbs/mmcf
Number of Strokes n:	3
Time for Measurement:	approx. 90 s
Standard Deviation:	\pm 15 to 20 %
Color Change:	vellow → blue

Ambient Operating Conditions

Temperature:	0 to 30 °C

Reaction Principle

 $H_2O + Mg(ClO_4)_2 \rightarrow blue reaction product$

Cross Sensitivity

No interference with the reading by 1200 ppm NO₂, 6000 ppm SO₂, 2000 ppm ethanol, 2000 ppm acetone. Basic gases are liable to cause plus errors. Acid gases are liable to cause minus errors.



