## Sulfur Dioxide 0.1/a

Order No. 67 27 101

**Application Range** 

Standard Measuring Range:	0.1 to 3 ppm
Number of Strokes n:	100
Time for Measurement:	approx. 20 min
Standard Deviation:	± 10 to 15 %
Color Change:	yellow → orange

## **Ambient Operating Conditions**

Temperature:	10 to 30 °C
Absolute Humidity:	3 to 15 ma H <sub>2</sub> O / L

## Reaction Principle

SO <sub>o</sub> + Na <sub>o</sub> [HgCL] + methyl red	$1 \rightarrow Na_{\circ}[H_{\Pi}(SO_{\circ})_{\circ}] + 4 HCI$

## Cross Sensitivity

It is impossible to measure sulfur dioxide in the presence of other acidic gases.





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D-13308-20