

Mercaptan 0.5/a

Order No. 67 28 981

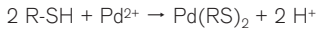
Application Range

Standard Measuring Range:	0.5 to 5 ppm
Number of Strokes n:	5
Time for Measurement:	approx. 5 min.
Standard Deviation:	± 10 to 15 %
Color Change:	white → yellow

Ambient Operating Conditions

Temperature:	10 to 40 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle



Cross Sensitivity

Higher molecular weight alkyl mercaptans (e.g. propyl- and butylmercaptans) are indicated with approximately the same sensitivity. 1,000 ppm ethylene, 2,000 ppm carbon monoxide and 200 ppm hydrogen sulfide do not affect the indication. Hydrogen sulfide discolors the pre-layer black. Dimethyl sulfide: 10 ppm no influence, but the color of the mercaptan indication is paler. Dimethyl disulfide: 2 ppm no influence.



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