

Mercaptan 0.5/a

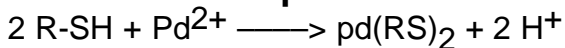
Catalog No 6728981

Standard Measuring Range: 0.5 to 5 ppm
Number of Strokes (n): 20
Time for Measurement: about 300 seconds
Standard Deviation: ± 10 to 15%
Color Change: white to yellow

Ambient Operation Conditions

Temperature: 10 to 40°C
Absolute Humidity: < 3 to 15 mg H₂O/L

Reaction Principle



Cross Sensitivity

Higher molecular weight alkyl mercaptans (e.g. propyl- and butyl-mercaptans) 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 changes the prelayer to black.

Dimethyl sulfide: 10 ppm hydrogen sulfide no influence, but the color of the mercaptan indication is paler.

Dimethyl disulfide: 2 ppm no influence.



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