

Order No.
67 28981

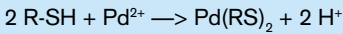
Mercaptan 0.5/a

Standard Measuring Range : 0.5 to 5 ppm
Number of Strokes (n) : 20
Time for Measurement : app. 300 s
Standard Deviation : ± 10 to 15 %
Colour Change : white \rightarrow yellow

Ambient Operating Conditions

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

Reaction Principle



Cross Sensitivity

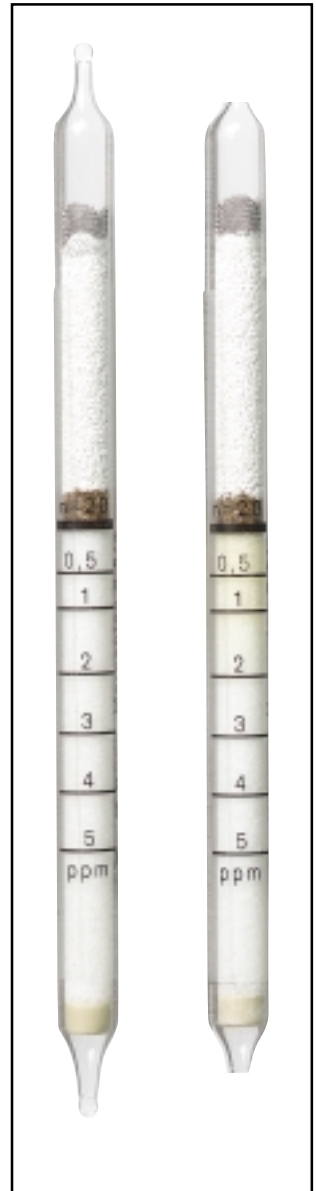
Higher molecular weight alkyl mercaptans (e.g. propyl- and butyl-mercaptans) are indicated with approximately the same sensitivity.

1,000 ppm ethylene, 2,000 ppm carbon monoxide and 200 ppm hydrogen sulphide do not affect the indication.

Hydrogen sulphide discolours the pre-layer black.

Dimethyl sulphide: 10 ppm H₂S no influence, but the colour of the mercaptan indication is paler.

Dimethyl disulphide: 2 ppm no influence.



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