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# Mercaptan 0.25 - 6 ppm

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Order Code  
64 06 360

**Measuring Range** : 0.25 to 6 ppm (20 °C, 50 % r.h.)

**Measuring Time** : approx. 70 s at 6 ppm  
approx. 150 s at 1 ppm  
approx. 480 s at 0.25 ppm  
approx. 225 s at 0 ppm

## Ambient Operating Conditions

**Temperature** : 0 ... 40 °C

### Correction of Temperature

: 0 to 15 °C → Reading multiplied by 2  
16 to 19 °C → not necessary  
21 to 40 °C → - 1 %/ °C  
% of measured value over the measurement range.

**Humidity** : 1 to 30 mg/L (corresp. 2 to 60 % r.h. at 40 °C)

**Correction of Humidity** : not necessary

**Air Pressure** : 700 to 1100 hPa

### Correction of Air Pressure

: not necessary

**Accuracy** : ±11 % of the measured value over the measurement range,  
e.g.  
± 0.03 ppm at 0.25 ppm  
± 0.66 ppm at 6 ppm

**Reproducibility** : ± 15 % (Standard Deviation)

## Cross Sensitivity

No influence at 1 ppm mercaptan by  
≤ 10 ppm hydrogen sulphide

## Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

## Flushing Time

For a measurement of 5 ppm mercaptan in laboratory conditions, a flushing time of 1 minute was determined.