### Measuring Range
- 5 to 150 ppm (20 °C, 50 % r.h.)

### Measuring Time
- approx. 15 s at 150 ppm
- approx. 30 s at 50 ppm
- approx. 200 s at 5 ppm
- approx. 100 s at 0 ppm

### Ambient Operating Conditions

#### Temperature
- 5 ... 40 °C
- Correction of Temperature:
  - 0 to 19 °C → + 0.8 %/°C
  - 21 to 40 °C → − 0.9 %/°C
  - % of measured value over the measurement range.

#### Humidity
- 1 to 40 mg/L (corresp. 2 to 80 % r.h. at 40°C)
- Correction of Humidity: not necessary

#### Air Pressure
- 700 to 1100 hPa
- Correction of Air Pressure: not necessary

#### Accuracy
- ± 8 % of the measured value over the measurement range, e.g.
  - ± 0.4 ppm at 5 ppm
  - ± 8.0 ppm at 100 ppm

#### Reproducibility
- ± 12 % (Standard Deviation)

#### Cross Sensitivity
- No influence at 5 ppm SO₂ by
  - ≤ 150 ppm hydrogen sulfide
  - ≤ 10 ppm hydrochloric acid

### Measurement with Remote System
- Please observe the Instructions for Use of the Remote System.

### Flushing Time
- For a measurement of 5 ppm sulphur dioxide in laboratory conditions, a flushing time of 1 minute was determined.