### Measuring Range

- **Measuring Range:** 2 to 50 ppm (20 °C, 50 % r.h.)

### Measuring Time

- **Measuring Time:**
  - approx. 20 s at 50 ppm
  - approx. 60 s at 10 ppm
  - approx. 200 s at 2 ppm
  - approx. 140 s at 0 ppm

### Ambient Operating Conditions

**Temperature**

- **Temperature:** 0 ... 40 °C
- **Correction of Temperature:**
  - 0 to 19 °C → + 1 %/ °C
  - 21 to 40 °C → – 1 %/ °C

**Humidity**

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

**Air Pressure**

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

**Accuracy**

- **Accuracy:** ± 4 % of the measured value over the measurement range,
  - e.g. ± 0.1 ppm at 2 ppm
  - ± 0.4 ppm at 10 ppm

**Reproducibility**

- **Reproducibility:** ± 7 % (Standard Deviation)

**Cross Sensitivity**

- No influence at 10 ppm H₂S by
  - ≤ 50 ppm nitrogen dioxide
  - ≤ 20 ppm sulfur dioxide
  - ≤ 200 ppm mercaptan

**Measurement with Remote System**

Please observe the Instructions for Use of the Remote System.

**Flushing Time**

- For a measurement of 3 ppm hydrogen sulphide in laboratory conditions, a flushing time of 2 minutes was determined.