

Formaldehyde 0.15 – 3 ppm

Order no. 8610100

Measuring range:	0.15 to 3 ppm
Typical measuring time:	300 to 600 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	0 to 40 °C
Temperature correction:	none
Humidity:	4 to 20 mg/L
Humidity correction:	< 8 mg/L → +40 % of the measured value per mg/L 8 to 12 mg/L → none > 12 mg/L → -10 % of the measured value per mg/L

Cross-sensitivities

The detection of 0.6 ppm formaldehyde is not affected by:

- 0.25 ppm acrolein
- 10 ppm vinyl acetate
- 100 ppm styrene
- 50 ppm acetaldehyde
- 100 ppm methanol
- 50 ppm carbon monoxide
- 20 ppm propanal

A formaldehyde measurement is not possible in the presence of SO₂

Hose and probe measurements

The following purging time recommendations for remote measurements have been determined with a brand-new, dry, and clean hose and probes.

Hose / probe	Length in m	Purging time in min
FKM hose	5 – 20	3
FKM hose	45	5
PTFE-lined PVC hose	3 – 15	3
Bar probe 90 (8316532)		1
Telescopic probe ES 150 (8316533)		2
Probe set GP600 (8328667)		3