

Nitrous Fumes 0.25 – 50 ppm

Order no. 8610060

Measuring range:	0.25 to 50 ppm
Typical measuring time:	approx. 5 s to 120 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	0 to 40 °C
Temperature correction:	none
Humidity:	1 to 30 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 1 ppm nitrous fumes is not affected by:

- 30 ppm sulfur dioxide
- 1 ppm ozone

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)		1
Probe set GP600 (8328667)		3