

Acetone 25 – 5000 ppm

Order no. 8610470

Measuring range:	25 to 5000 ppm
Typical measuring time:	20 to 500 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	0 to 30 °C
Temperature correction:	<20 °C → +5 % of the measured value per °C >20 °C → -3.5 % of the measured value per °C
Humidity:	1 to 30 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 500 ppm acetone is not affected by

- 5 ppm methanol
- 50 ppm ethanol
- 100 ppm i-propanol
- 50 ppm methyl ethyl ketone
- 150 ppm methyl isobutyl ketone

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)		2
Telescopic probe ES 150 (8316533)		2
Probe set GP600 (8328667)		2