

Alcohol 10 – 5000 ppm

Order no. 8610380

Measuring range:	10 to 5000 ppm (methanol)
Typical measuring time:	approx. 20 to 450 s
Accuracy:	± 25 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	10 to 35 °C
Temperature correction:	<20 °C → +12 % of the measured value per °C >20 °C → -4.5 % of the measured value per °C
Humidity:	1 to 30 mg/L
Humidity correction:	none

Cross-sensitivities

Other alcohols are also indicated with the following sensitivities:

Ethanol with double sensitivity: Reading / 2 = ppm ethanol
(measuring range 5 - 2500 ppm)

i-propanol with the same sensitivity: Reading = ppm i-propanol
(measuring range 10 - 5000 ppm)

n-butanol with 1.5 times sensitivity: Reading / 1.5 = ppm n-butanol
(measuring range approx. 7 - 3300 ppm)

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	4
Bar probe 90 (8316532)		3
Telescopic probe ES 150 (8316533)		2
Probe set GP600 (8328667)		3

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