

Benzene 10 – 100 ppm

Order no. 8610280

Measuring range:	10 to 100 ppm
Typical measuring time:	10 to 75 s
Accuracy:	± 20 % (under calibration conditions)
Permissible ambient conditions	
Temperature:	0 to 35 °C
Temperature correction:	< 20 °C: + 3 % of the measured value per °C > 20 °C: none
Humidity:	1 – 30 mg/L
Humidity correction:	none
Cross-sensitivities	
The detection of 50 ppm benzene is not affected by:	
	20 ppm 1,3-butadiene
	150 ppm hydrogen sulfide
	2500 ppm n-octane
	1000 ppm toluene
	2500 ppm xylene

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