

Carbon Dioxide 200 – 50000 ppm

Order no. 8610190

Measuring range:	200 to 50000 ppm
Typical measuring time:	2 to 120 s
Accuracy:	± 25 % (under calibration conditions)

Permissible ambient conditions

Temperature:	0 to 30 °C
Temperature correction:	none
Humidity:	1 to 30 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 5000 ppm carbon dioxide is not affected by:

100 ppm hydrogen sulfide

200 ppm sulfur dioxide

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)		3