

Sulfur Dioxide 0.05 – 5 ppm

Order no. 8610110

Measuring range:	0.05 to 5 ppm
Typical measuring time:	20 to 480 s
Accuracy:	± 25 % (under calibration conditions)

Permissible ambient conditions

Temperature:	0 to 30 °C
Temperature correction:	none
Humidity:	1 to 20 mg/L
Humidity correction:	none

Cross-sensitivities

The detection of 0.5 ppm sulfur dioxide is not affected by:

150 ppm hydrogen sulfide
 5 ppm hydrogen chloride
 20 ppm nitric oxide
 1 ppm sulfur dioxide and 1 ppm
 nitrogen dioxide indicate 4 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	10
FKM hose	45	20
PTFE-lined PVC hose	3 – 15	3
Bar probe 90 (8316532)		3
Telescopic probe ES 150 (8316533)		15
Probe set GP600 (8328667)		10