

1,3-Butadiene 0.5 - 25 ppm

Order No. 86 10 300

Measuring Range:	0.5 to 25 ppm
Typical Measuring Time:	10 to 280 s
Accuracy:	± 15 % (under calibration conditions)
Ambient Conditions:	
Temperature:	0 to 40 °C
Temperature correction:	0 to 25 °C → none > 25 °C → - 2.5 % from measurement value per °C
Humidity:	5 to 30 mg/L
Humidity correction:	< 10 mg/L → 8 % from measurement value per mg/L > 10 mg/L → - 1 % from measurement value per mg/L

Cross Sensitivity:

No influence at 2 ppm 1,3 butadiene by:

5 ppm H₂S
25 ppm white spirit
50 ppm toluene
50 ppm n-hexane
100 ppm benzene

Hose and probe measurement

The following flushing time recommendations for hose and probe measurements are marked with a brand-new, dry and clean hose and probes.

Hose	Length (meter)	Flushing time (min)
FKM hose	5 - 20	3
FKM hose	45	5
PTFE-lined PVC hose	3 - 15	3
Bar probe 90 (83 16 532)		1
Telescopic probe ES 150 (83 16 533)		1
Probe Set GP600 (83 28 667)		3