



# 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)
<b>Ambient Conditions:</b>	
Temperature:	0 to 40 °C
Temperature correction:	0 to 25 °C → none > 25 °C → - 2.5 % per °C from measurement value per °C
Humidity:	5 to 30 mg/L
Humidity correction:	< 10 mg/L → 8 % per mg/L from measurement value > 10 mg/L → - 1 % per mg/L from measurement value

### Cross Sensitivity:

No influence at 2 ppm 1,3 butadiene by

- 5 ppm H<sub>2</sub>S
- 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
Tygon hose	3 - 15	3
Rod probe 90 (8316532)		-
Telescopic probe ES 150 (8316533)		1