



## Mercaptan 50 – 6000 ppb

Order No. 86 10 360

Measuring Range:	50 to 6000 ppm
Typical Measuring Time:	15 to 360 s
Accuracy:	± 25 % (under calibration conditions)

### Ambient Conditions

Temperature:	10 to 40 °C
Temperature correction:	none
Humidity:	1 to 40 mg/L
Humidity correction:	none

### Cross sensitivity

No influence at 500 ppb mercaptan (methyl mercaptan) by  
0.5 ppm hydrogen sulfide  
15 ppm carbon monoxide  
0.5 ppm ethyl mercaptan  
0.5 ppm propyl mercaptan  
0,5 ppm tert. butyl mercaptan

ethyl mercaptan, propyl mercaptan and tert. butyl mercaptan will be indicated but with less sensitivity.  
A detection mercaptan in the present of ethylene or tetrahydrothiophene.

### 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	Lenght (meter)	Flashing Time ( min)
FKM hose	5 - 20	4
FKM hose	45	5
PTFE-lined PVC hose	3 - 15	3
Bar probe 90 (83 16 532)		2
Telescopic probe ES 150 (83 16 533)		3
Probe Set GP600 (83 28 667)		4