

Mercaptan 0.1/a

Order No. 81 03 281

H

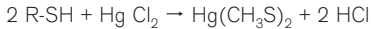
Application Range

Standard Measuring Range:	0.1 to 2.5 ppm	/ 3 to 15 ppm
Number of Strokes n:	10	/ 2
Time for Measurement:	approx. 3 min	/ approx. 40 s
Standard Deviation:	± 10 to 15 %	
Color Change:	yellow → pink	

Ambient Operating Conditions

Temperature:	5 to 40 °C
Absolute Humidity:	2 to 40 mg H ₂ O / L

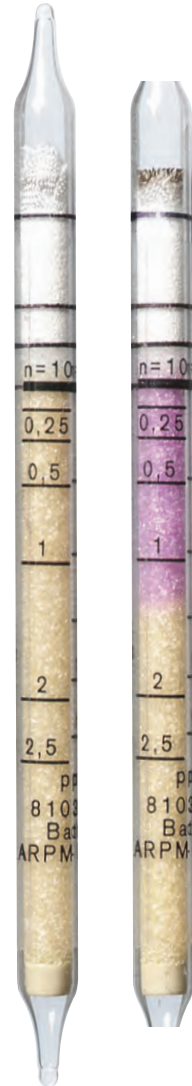
Reaction Principle



HCl + pH-indicator → reddish reaction product

Cross Sensitivity

Propyl mercaptan and n-butyl-mercaptan are indicated, but with different sensitivities. 4 ppm ethylene, 30 ppm CO, 10 ppm tetrahydrothiophene and 100 ppm hydrogen sulfide do not affect the indication. Hydrogen sulfide changes the pre-layer to black.



ST-180-2001