Hydrogen Sulfide 100/a

Order No. CH 29 101

Application Range		-	
Standard Measuring Range:	100 to 2,000 ppm	18	
Number of Strokes n:	1		
Time for Measurement:	approx. 30 s		
Standard Deviation:	± 5 to 10 %	100	100
Color Change:	white → brown	200	
			16
Ambient Operating Condition	s	400	100
Temperature:	0 to 40 °C		13
Absolute Humidity:	3 to 40 mg H $_{2}\rm O$ / L	600	600
Reaction Principle		800	800
$\frac{H_2S + Pb^{2+} \rightarrow PbS + 2 H^+}{PbS + 2 H^+}$			285
		1000	REAL PROPERTY
Cross Sensitivity			10
No interference by:	2,000 ppm sulfur dioxide	1200	10112
	100 ppm nitrogen dioxide	1400	185
		1600	105
			18 - C
		1800	all in
		2000	2000
		1.1	

ST-129-2001