



# DrägerSensor<sup>®</sup> XS H<sub>2</sub>S-HC

P/N 6809180

<b>Gases qualified to measure:</b>	<u>Name</u> Hydrogen Sulfide, H <sub>2</sub> S	<u>Display Symbol</u> H <sub>2</sub> S	<u>Relative Response</u> 1.0
<b>Compatible Instruments:</b>	Pac III, MiniWarn & Multiwarn II Monitors		
<b>Measuring Range:</b>	Maximum: 0 to 1000 ppm H <sub>2</sub> S Standard: 0 to 500 ppm H <sub>2</sub> S Minimum: 0 to 100 ppm H <sub>2</sub> S		
<b>Response Time:</b>	90% response to exposed concentration in less than 20 seconds		
<b>Accuracy:</b>	+/- 5% of Measured Value or better		
<b>Display Resolution:</b>	1 ppm		
<b>Environmental Conditions:</b>	Temperature: -40 to 122 °F (-40 to 50 °C), continuous operation -40 to 140 °F (-40 to 60 °C), short duration Humidity: 10 to 90 %RH, continuous operation 5 to 99 %RH, short duration Pressure: 20.7 to 38.4 inches Hg (700 to 1300 mbar) Note: Rapid changes in environmental conditions may cause temporary fluctuations in the sensor reading		
<b>Cross-Sensitivities:</b>	Positive Effect: PH <sub>3</sub> , NO, SO <sub>2</sub> , and Mercaptans Negative Effect: Cl <sub>2</sub> Note: Other gases may have an influence on the sensor		
<b>Calibration Frequency:</b>	Required: 12 months Recommended: 6 months		
<b>Calibration Gas:</b>	Required: Hydrogen Sulfide Concentration: 40-100% of selected range Minimum: 200 ppm		
<b>Compatible Filters:</b>	Internal Dust & Mist Filter: P/N 6809021 (provided with sensor)		
<b>Warranty Period:</b>	12 Months		